3 disk Xmas special issue!

Tutorials: DPaint ■ OctaMED ■ PageStream ■ Amiga E ■ AudioMaster

AMIGA

MAGAZINE

IMAGINE THIS!

Only £4.25! January 1996

Have a renderful Christmas with the superb Imagine 3.0

WORTH £99

* Imagine 3.0 Current RRP £99.95. Originally worth £249.00! What a bargain.

- Full Program
- Start-up feature
- Create brilliant renders

1996 – Year of the Amiga!

PowerPC Amiga, WB 4.0, MPEG, A1300 ... inside

T[illegible] of Power

H[illegible]n A4000 beater for half the price ... p68

GA[illegible]S

- Zeewolf 2
- SWOS 95/96
- Super Tennis Champions
- Worms, Gloom & AB3D on CD32

No disks ? Ask your Newsagent now.

An EMAP Images Publication £4.25

01

9 770963 009044

US$9.50 • L16,000 • ASCH170 • BFR 380 • CAD12

floppy drives

3.5 super xl drive

The Super XL Drive allows you to store 3.5MB on a high density disk.

3.5 SUPER XL DRIVE £129.95

1.76 xl drive

The XL Drive allows you to store a 1.76MB on a high density disk.

1.76 XL DRIVE EXTERNAL ... £79.95
1.76 XL DRIVE INTERNAL £75
1.76 XL DRIVE A4000 ..... £75
PC880B EXT.POWER DRIVE .. £49.95

internal drives

PC881 A500 ..... £30.95
PC882 A2000 ..... £35.95
PC883 A600/1200 ..... £35.95

hisoft

SQUIRREL SCSI INTERFACE ... £59.95
AURA £79.95
MEGALOSOUND £29.95
VIDEOMASTER AGA £59.95
VIDEOMASTER AGA RGB £99.95
VIDEOMASTER £52.95
VIDEOMASTER RGB £89.95
COLOURMASTER £52.95
PROMIDI INTERFACE £19.95

squirrel scsi interface included where you see this logo

chips and spares

256 x 32 SIMM 72-PIN (1MB) £40
512 X 32 SIMM 72-PIN (2MB) £75
1 X 32 SIMM (4MB) £139
2 X 32 SIMM (8MB) £279
4 X 32 SIMM (16MB) £449
1 X 8 SIMM 32-PIN (1MB) £30
4 X 8 SIMM 32-PIN (4MB) £139
1 X 4 STATIC COLUMN A3000 .... £25
1 X 4 DIP £25
256 X 4 DIP £5
1 X 1 DIP £5
CIA £12
GARY £19
PAULA £19
DENISE £19
SUPER DENISE £25
KEYBOARD IC £12
FAT AGNUS 1MB £19
FAT AGNUS 2 MB £29
PRINTER CABLE £6
RS232 CABLE £6
SCSI EXTERNAL £15
WORKBENCH 3.1 A500/2000 .... £85
WORKBENCH 3.1 A3000/4000 ... £95
ROM SHARE DEVICE £19
2.04 ROM CHIP £25

power scanner

The award winning Power Scanner includes the following features: Scan in 24-bit at upto 200DPI (all Amigas not just AGA)*, Scan in 256 greyscales at up to 400DPI (all Amigas), Thru'port for printer connection, Fully supports AGA chipset, Display HAM8/24-bit images on a non-AGA Amiga (via image conversion), full editing facilities included. Works with 2.04 ROM or above, min 1MB (recommend 2MB).

POWER SCAN 4 B/W £89.95
POWER SCAN 4 COLOUR £169.95
OCR (BOUGHT WITH SCANNER) £20
OCR SOFTWARE £49.95
POWER SCAN 4 S/W ONLY ... £20
PC INTERFACE + COL S/W . £49.95
PC INTERFACE + B/W S/W . £39.95

flatbed scanners

24-bit A4 flatbed scanners, complete with software, cables and manual.*

EPSON GT-8500 ..... £579.95
24-BIT, INC. POWERSCAN SOFTWARE
EPSON GT-9000 ..... £729.95
24-BIT, INC. IMAGE FX REV. 1.5 SOFTWARE
ADPRO SOFTWARE £149.95
IMAGE FX 2.0 S/W £149.95

*EPSON SCANNERS DIFFER FROM ONE SHOWN

hard drives

HEWLETT PACKARD

1 GIGABYTE 3.5 SCSI £459

MICROPOLIS

2 GIGABYTE 3.5 SCSI £659
4 GIGABYTE 3.5 SCSI £1099
9 GIGABYTE 3.5 SCSI £2199

HITACHI

340MB 2.5 IDE £189
510MB 2.5 IDE £299
810MB 2.5 IDE £599
1 GIGABYTE 2.5 IDE £719

OTHERS

80MB 2.5 IDE £70
120MB 2.5 IDE £95

m-tec hd

External IDE hard disk for the A500 comes complete with an internal ROM switcher, and upgradable to 4MB RAM

M-TEC AT500 BARE £99
M-TEC AT500 420MB £259
MEMORY REQUIRES 30-PIN SIMMS

floppy expander

Save 1.5MB on a standard floppy drive and 3MB when used in conjunction with the XL Drive 1.76.

FLOPPY EXPANDER £10

disk expander

Disk Expander can add upto to 50% to your hard drive capacity and works with all drives including SCSI, IDE, Floppies and even the RAM disk. Disk Expander works on any Amiga with any Kickstart.

DISK EXPANDER £25

overdrive hd

External PCMCIA 3.5" IDE hard disk

OVERDRIVE BARE £99
OVERDRIVE 420MB £259

dat drives

2 TO 4 GIGABYTE £659
4 TO 8 GIGABYTE £899
2 TO 4 CARTRIDGE DL90 ..... £12
4 TO 8 CARTRIDGE DL120 ... £19.95

optical drives

128 OPTICAL £479
230MB OPTICAL £719
1.3 GIGABYTE OPTICAL £1999
230MB OPTICAL DISK £29.95
1.3 GIGABYTE DISK £139.95

external cases

SCSI case suitable for CD-ROM/HD/DAT and Optical drives.

5.25" SCSI or IDE CASE £79.95
3.5" SCSI or IDE CASE £79.95

zip drive new

ZIP DRIVE 100MB SCSI £179.95
100MB DISKETTE £15.95
ZIP DRIVE REQUIRES SQUIRREL SCSI INTERFACE

video backup 3

Backup to 520MB onto a 4hr VHS tape. Version 3 has new backup modes for Amiga's with a 68020 or higher CPU.

VIDEO BACKUP SCART £65
VIDEO BACKUP PHONO £60
UPGRADE TO VERSION 3 ..... £20

amiga 4000

a4000 tower

new

The tower comes complete with 6 x 5.25" drive bays, 5 x 3.5" drive bays, 7 x Zorro slots, 5 x PC slots, real time clock and a 230 watt power supply.

A4000 TOWER £349

octogen scsi-2

SCSI-2 controller card for the Amiga 2000/4000. Upgradable to 8MB RAM.

OCTOGEN 2008 ..... £129

aga flicker fixer

ScanDoubler II is a full 24-bit AGA flicker fixer which automatically de-interlaces all AGA screen modes and scan doubles non-interlaced PAL/NTSC modes to allow VGA monitors to display them. Supports VGA, S-VGA and Multiscan monitors. Pixel sharp picture, even at 1440 horizontal resolution and has a standard 15-pin VGA type connector. Comes with composite video/S-VHS outputs.

SCAN DOUBLER II £399

tandem cd-de

Connect a CD-ROM, Syquest and any IDE hd to your A2000/3000/4000. Comes complete with cable and s/w. ROM 2.04 or above.

TANDEM CD-DE £69

award winning amiga peripheral manufacturers .....

gvp products

Power Computing Ltd are now the official joint owner and manufacturer of Great Valley Products Inc. For more information, please call 01234 273000.

a4000 68060

A 68060 accelerator board for the A4000 running at 50MHz and allowing upto 128MB of user installable memory and a SCSI-II hard disk controller. The board can be configured with either 4MB, 8MB, 16MB or 32MB industry standard SIMMs.

A4000 68040 (0MB RAM) **£699**
A4000 68060 (0MB RAM) **£829**
4MB STANDARD ADD **£139**
4MB GVP ADD **£159**

a2000 68060

A 68060 accelerator board for the A2000 running at 50MHz and allowing upto 128MB of user installable memory and a SCSI-II hard disk controller.

A2000 68040 (0MB RAM) ....**£TBA**
A2000 68060 (0MB RAM) ....**£TBA**
4MB STANDARD ADD **£139**
4MB GVP ADD **£159**

gvp ram

Official GVP RAM SIMMs.

4MB GVP RAM **£159**
16MB GVP RAM **£549**

gvp hc-8 scsi

SCSI hard card which can fit 8MB of RAM on-board.

HC-8 SCSI CARD **£99**

gvp g-lock

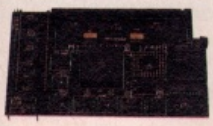
Award winning Amiga Genlock.

G-LOCK AMIGA GENLOCK **£259**
DSS-8 SOUND SAMPLER **£55**

io-extender

Zorro II card that provides an additional serial port, parallel port and connection for optional RS422 and RS232 port. Call for details

ioEXTENDER **£59**



a500 68020ec

A 68020 EC processor accelerator card for the A500 and A500+, with an option to fit a 68881 or 68882 co-processor (PLCC or PGA). This card can fit upto 4MB FAST RAM and is fully auto-configuring.

NOT COMPATIBLE WITH GVP HARD DRIVE

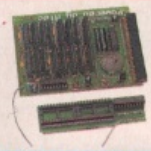
A500 68020 EC 0MB RAM ...**£99.95**
A500 68020 EC 4MB RAM ..**£239.95**

megachip ram

Increase your Amiga 500/2000 chip RAM to a total of 2MB. MegaChip does this by using its own 2MB RAM and also now includes a 2MB Fat Agnus. No soldering is required.

MEGACHIP RAM **£159.95**

VGA ADAPTOR **£15**



a500 2mb ram

A 2MB RAM board for the A500 which fits in the trap door slot.

A500 2MB RAM **£90**

MEMORY CARDS

512K RAM WITH CLOCK **£24.95**
512K RAM WITHOUT CLOCK .**£19.95**
A600 1MB RAM **£39.95**
A500+ 1MB RAM **£29.95**

modems

ACEEX V32 BIS 14.4 NOT BT APPROVED**£139**
X-LINK TRUE V34 28.8 BT APPROVED**£229.95**
TRAPFAX MODEM SOFTWARE ...**£49**
ALL MODEMS INCLUDE SOFTWARE AND CABLES

printers/monitors

MICROVITEC 1438 14" **£289**
EPSON STYLUS INC.PAPER **£489**
EPSON STYLUS PRO XL A3+ ..**£1499**
EPSON STYLUS/PRO XL INCLUDE STUDIO II SOFTWARE
STUDIO II SOFTWARE **£49.95**

graphic/video

PICASSO II 2MB RAM **£249.95**
INCLUDING TV PAINT JNR.
PICASSO II 2MB RAM **£399.95**
INCLUDING TV PAINT 2
CYBERVISION 64 .....**£329.95**
64-BIT GRAPHICS ENGINE, INCLUDES 2MB
VIDEO DAC **£25**
18-BIT GRAPHICS ADAPTOR
MAXIGEN 3 .....**£299.95**
VIDEO GENLOCK

emulation

Mac and PC emulators for the Amiga.

EMPLANT MAC BASIC **£239.95**
BASIC MAC EMULATOR
EMPLANT MAC OPTION A ..**£279.95**
DUAL SERIAL PORT AND APPLETALK
EMPLANT MAC OPTION B ..**£279.95**
HI-SPEED SCSI INTERFACE
EMPLANT MAC DELUXE ...**£399.95**
INCLUDES OPTION A AND B
E586 DX MODULE **£89.95**
PC EMULATOR MODULE

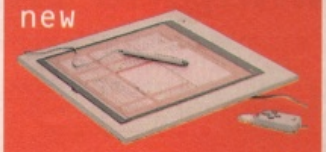
new

glidepoint

Intuitive cursor control at your finger tips replaces the mouse or trackball and 'Tap' for an instant selection.

ALPS GLIDEPOINT **£59.95**

new



power tablet

Pen and cursor controlled graphic tablet, including cables and software.

POWER TABLET 12 X 12 .**£195.95**
INCL. PEN, CURSOR AND POWER TAB S/W

order form

phone orders
We accept most major credit cards and are happy to help you with any queries.

postal orders
Ordering by cheque/PO please make payable to **Power Computing Ltd** and specify which delivery is required.

warranty
All Power products come with a 12 month warranty unless otherwise specified.

technical support
Help is on hand with a full Technical Backup service which is provided for Power customers.

mail-order prices
All prices listed are for the month of publication only, call to confirm prices before ordering.

export orders
Most items are available at Tax Free Prices to non-EC residents. Call to confirm prices. BFPO orders welcome.

mail-order terms
All prices include VAT. Specifications and prices are subject to change without notice. All trademarks are acknowledged. All orders in writing or by telephone will be accepted only subject to our terms and conditions of trade, copies of which are available on request.

NAME .....
ADDRESS .....
.....
.....
.....POSTCODE .....
TELEPHONE NO. .....

SYSTEM OWNED .....
DESCRIPTION .....
.....
.....
.....

TOTAL AMOUNT (inc. delivery) £ .....

CREDIT CARD NO. .....
EXPIRY DATE .....SIGNATURE .....

DELIVERY 2-3 DAYS £2.50 ☐ NEXT DAY £5 ☐ SAT £10 ☐

MINIMUM DELIVERY £2.50 ALLOW UP TO 7 DAYS FOR CHEQUES TO CLEAR

for product information sheets please call

TELEPHONE 01234 273000
FACSIMILE 01234 352207
POWER COMPUTING LTD
44A/B STANLEY STREET
BEDFORD MK41 7RW

.power

contents

CU AMIGA MAGAZINE • JANUARY 1996

Cover Feature

Imagine this! 26

Look what Santa has delivered this Christmas! *Imagine 3.0* is yours to keep, and to get you rendering three dimensional animations and pictures in double-quick time, here's a everything you need to know about the program to get started. John Kennedy talks you through the first steps of creating a 3D masterpiece, so even if you've never used a 3D graphics package before, you'll be knocking out virtual Christmas decorations within minutes. Whether you aspire to professional movie special effects, or just want to mess around, this is the ideal place to start! Happy Christmas to one and all.

Year Of The Amiga?

Out with old ... 34

As another year drifts into that murky old place we call 'the past', we take a look back at the highs, the lows, the good times and the bad. We also asked a few prominent characters from the Amiga market to lend us their thoughts on how 1995 shaped up for the Amiga. Not to get too nostalgic, we also take a look forward to see what the year ahead may bring and how we can all help make sure that by this time next year, the Amiga market is just as fat as our feathered friend here.

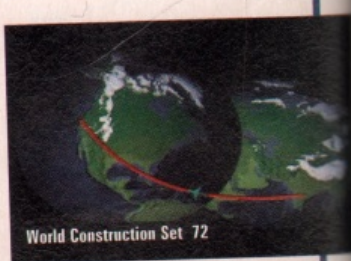
Public Domain

- **PD Scene** 89
  Plenty of stocking-filling goodies have turned up this month in the public domain.
- **PD Utilities** 95
  Get your Amiga stocked up for the winter with a bunch of new PD utilities.

Get Serious

- **MicroniK Tower** 68
  Radically expand the power of your A1200 with the impressive MicroniK Tower system.
- **World Construction Set** 72
  Following our exclusive preview some months ago, World Construction Set finally arrives for review.
- **AmiLink** 74
  Networking a number of Amigas poses a few problems. Can AmiLink iron them out?
- **Mouse head-to-head** 75
  Two new mice go head-to-head.
- **A620 Accelerator** 79
  At last you can make your A600 go faster than a shiny new A1200!
- **Personal Suite** 80
  The renowned *Personal Paint* is released on CD-ROM accompanied by a selection of bonus applications.
- **Magic User Interface 3.0** 82
  MUI reaches version 3. Find out whether the latest release has addressed the earlier program's faults.
- **The Sports Mouse** 83
  Just the ticket for Amiga-owning football fans.

MicroniK Tower 68



World Construction Set 72

Cover Disks

Imagine 3.0 8
Just in case you hadn't already noticed, *Imagine 3.0* is stuck to the front of this magazine, complete, uncut and all yours! Professional 3D rendering for under a fiver: now that's amazing!

AlgoMusic 8
With *AlgoMusic* you need never listen to the same tune twice! Using clever random algorithms, it plays a whole new tune every time. Just click and play!

Zeewolf 2 - Wild Justice 10
We've got an excellent exclusive cover demo for our January issue. Start the new year off with the fabulous sequel to *Zeewolf*. Take to the skies in style in this exciting flight simulator.

Games

PREVIEWS

Breathless 43
Power Computing, veterans of Amiga serious software and hardware release a *Doom* clone. And guess what: it looks good.

Gloom Deluxe 44
Gloom has been given the once over by Black Magic to make it run on all Amigas with 2Mb RAM. What other major changes are in store?

XTreme Racing 44
A mad, bad racing game by a bunch of Brits known, oddly, as Siltuna. They were inspired by Black Magic and it's due to be published by Guildhall. Will it triumph or become a Christmas turkey?

REVIEWS

Zeewolf 2 - Wild Justice 50
You've got the cover disk, now read the review. *Zeewolf* was good, but not great, so how have the Binary boys gone about making it better?

Sensi World 95/96 50
Could it be possible? The godfather of footy games improved upon? We find out if the colour purple has made any difference.

Super Tennis Champions 52
We all know that the tennis season is over but Super Tennis is the perfect way to limber up for next's year's Wimbledon fest.

Worms CD32 57
Alan's fave game has just got better and CD32 owners can join in and play their own music, 'wormed up'.

Gloom CD32 58
As *Gloom Deluxe* pokes its head out of the coffin the *Gloom* finally makes it onto the CD32. Welcome to the *Doom* clone frenzy.

Alien Breed 3D CD32 58
Alan's last favourite game arrives on CD32. Will he like it as much as *Worms*?

VFM GAMES

UFO 61
A relatively recent MicroProse title that sees you fighting one-on-one with extra terrestrials. Now at a bargain price.

F1 61
The classic racing game arrives on a budget label. If you're impatient for fast paced driving action then this could be the one for you. Find out for sure on page 61.

Alien Breed CD32 58

Gloom CD32 58

F1 61

News

News 16
Many, many things have happened in the world of Amiga this month including the announcement of a new quad speed CD-ROM drive from Amiga Technologies and a *Breed 3D* update from Team 17.
Plus, we report from Cologne on the biggest Amiga show since the Escom buyout. We bring you all the latest information: who was there, what was new and more ...

Players Guides

Vampyra 63
Has Vamp been bitten by the Christmas spirit? No ... as usual she's done all the biting herself, ripping like a demon though this month's adventure problems.

Snip Tips 64
Matt Broughton dots his Ts and crosses his Is as he uses his wit and wisdom and some Hit Squad games to bribe you for your tips.

Competition

Christmas Compo 126
Forget the National Lottery: here are some things that money just can't buy (well, it can but you've got to have some first). Amongst the weird and wonderful prizes we've rounded up for your Christmas delectation are a pair of Mat Bettinson's jeans, a hand grenade, an aircraft flight controller and this A1200 beginners pack. Oh yes, and a stick of rock. Have WE gone off our rockers? Find out ...

Editorial

Welcome to the biggest issue of the year. I just know you're going to have a happy Christmas once you check out what's on our cover disks. *Imagine* is probably the best package we've ever given away (Tony Horgan would say definitely, but I'm more modest and we have had some real beauties) and using it you'll be able to wile away the hours creating superb scenes. The feature on page 26 will get you started with this complicated program and we'll be running tutorials over the next few months to get you further. And, for a break, check out *Zeewolf 2* – this is a seriously good demo.

Both games and technical sections are filled with interesting and excellent software and hardware. Plenty of reading material and food for thought during the holidays. My highlights are *Worms* on CD32 and the A620 accelerator. I use an A600 regularly and the latter has transformed it – although it's difficult to install.

Computer '95, the recent show in Cologne had a massive Amiga presence, with AT and many well known hardware and peripheral manufacturers exhibiting and selling kit (see report on page 20). Although there was a well attended developers conference at this show it lacked any presence from games software companies. This needs to be addressed by AT if we are to have a real future.

Alan Dykes, Editor

Subs

Subscriptions 54
Be kind to yourself and start off the new year with a subscription to CU Amiga Magazine. It's the best way to make sure that you don't miss out on any of the excellent disks, features and reviews we've got lined up for 1996? Special offer available.

Workshop

OctaMED 5.04 100
More secrets of *OctaMED* are revealed in the latest tutorial from audio expert Ed Wiles.

PageStream 2.2 102
Fast approaching the point where he has created a whole stationery set, Larry Hickmott continues his *PageStream* series.

Graphics Masterclass 104
Focusing on *DPaint V*, Peter Lee explores the possibilities of photo manipulation.

Wired World 107
Colin Dalton checks out the Amiga's premier integrated mail and news package *Thor*.

Amiga E 110
In the first of our *Amiga E* tutorials Jason Hulance gets to grips with a GUI front end.

AudioMaster IV 112
Tony Horgan is your guide to the remaining unexplained menu options from this extremely powerful sample editor.

Frequently Asked Questions 119
Got yourself a new Amiga? John Kennedy is on hand to answer some more of those frequently asked questions.

Q+A Masterclass 120
Make sure your hard drive doesn't fill up with duplicate copies of the same file with this simple script.

Questions and Answers 122
Tony and Mat put their heads together to solve more of your technical troubles.

Back chat 124
Opinions from the global Amiga community get the airing they deserve. Plus, of course the exclusive Far Side!

Points of View Special 128
In a special edition of Points of View, the CU Amiga team give their opinions on the year gone by.

Next Month 130
Can't wait to find out what's in next issue? Well here's a taster of what we have in store for you.

Advertisers' Index

1ST COMPUTER CENTRE 48 & 49	0113-231444	HI Q 42	01525-211327
17 BIT SOFTWARE 60	01924-366982	HI SOFT 24 & 25	01525-718181
ACTIVE SOFTWARE 92 & 93	01325-352260	INTRINSIC COMPUTER SUPPLIES 84	01474-335294
ANALOGIC 77	0181-546-9575	MICROTRADE 31	01938-556575
ANCO 7	01322-292518	OCEAN SOFTWARE 51,53,55	0161-8326633
ASA 40	0171-9726700	ON LINE PD 56	01704-834335
BRIAN FOWLER COMPUTERS37	01392-499755	OWL 56	01543-250377
CARE ELECTRONICS 56	01923-894064	PLEXUS MEDIA 85	0345-660015
CU AMIGA CLASSIFIED PAGES 114-118	0171-972-6700	POWER COMPUTING I.F.C, 3, I.B.C	01234-843388
DATEL 38 & 39	01782-744707	PREMIER MAIL ORDER 94	01268-277172
DOMARK O.B.C	0181-7802222	RESPONSE ADVERTISING 40	01423-530691
EM COMPUTER GRAPHICS 59	01255-431389	SEASOFT 81	01903-850378
EMERALD 22	0181-7158866	SENSATION SOFTWARE 78	01709-851506
EPIC MARKETING 88 & 98	01793-490988	SIREN SOFTWARE13	0161-7965279
EVERGLADE 84	01667-454933	SOFTWARE 2000 70 & 71	01374-678068
EXCLUSIVE PD97	01705-642409	SOFTWOOD 86	01773-836781
FOURTH LEVEL DEVELOPMENT 40 & 62	0117-985-4455	SPECIAL RESERVE 14 & 15	01279-600204
FAST COMPUTER SERVICES 78	0171-252-3553	TANGENT MUSIC DESIGN 31	0181-5691090
GOLDEN IMAGE 78	0181-900-9291	V.12 76	01507-450114
GORDON HARWOODS 18 &,65	01773-836781	VISAGE COMPUTERS 66	0115-9444501
GREYTRONICS 17	0181-6869973	WIZARD DEVELOPMENTS 32 & 33	01322-272908

Editorial

EDITOR: Alan 'Santa' Dykes
DEPUTY EDITOR: Lisa 'Stockings' Collins
TECHNICAL EDITOR: Tony 'Out of his tree' Horgan
STAFF WRITER: Mat 'Rudolph' Bettinson
GAMES CONSULTANT: Matt 'Shouting' Broughton
ART EDITOR: Helen 'Fairy' Danby
DESIGNER: Anthony 'Sledge' Collins
TECHNICAL CONSULTANT: John 'Angel' Kennedy
CONTRIBUTORS: Peter Lee, Jason Hulance, Ed Wiles, Julian Jones, Vampyra, Martin Davies, Larry Hickmott, Colin Dalton
PHOTOGRAPHY: Mark 'E-Mail' Gatehouse COVER ILLUSTRATION: Arcana Graphics
SYSTEMS AND REPRO: Sarah-Jane Leavey, Sarah Best, Gary Lord

Advertising/Marketing & Management

ADVERTISING MANAGER: Justine Carlson
SALES EXECUTIVE: Marianna Masters
AD PRODUCTION: Tina Gynn, Melanie Tomlison
PRODUCT MANAGER: Vicky Jacobs
PUBLISHING DIRECTOR: David Kelly
EXECUTIVE PUBLISHING DIRECTOR: Graham Taylor

Contacts

When contacting CU AMIGA MAGAZINE there are two golden rules.
1: Send your letters etc to the right department (see below) and please do not send an SAE for reply.
2: Please remember that we have to write and produce your favourite magazine every month, so try to keep your correspondence short and to the point. Although we'd love to, we simply cannot reply personally to the hundreds of calls, letters, and faxes we get. Answers have to be through the pages of the magazine only.

ADVERTISING AND ADVERTISING PROBLEMS: If you wish to advertise, or have a problem with a company advertising in CU AMIGA MAGAZINE our advertising team will be glad to help. Contact Justine Carlson or Marianna Masters on 0171-972 6700, fax them on 0171 216 6219, or write to them at: ADVERTISING, CU AMIGA MAGAZINE, Priory Court, 30-32 Farringdon Lane London EC1R 3AU.

READERS' LETTERS AND TECHNICAL PROBLEMS: For general, non-technical, enquiries send your letters to Backchat. For technical problems send them to Q&A. Both are at CU AMIGA MAGAZINE, Priory Court, 30-32 Farringdon Lane, London EC1R 3AU. Phone: 0171 972 6700, FAX: 0171 972 6703. Please remember that we cannot answer enquiries in detail by phone. If you need advice urgently or have a problem then do call us between 4.30pm and 5.30pm Tuesdays, Wednesdays and Thursdays. We will try to assist you within these hours, but complex questions may be too difficult to resolve over the phone. Because of press deadlines we may have to ask you to call at another time. Alternatively, E-Mail us at backchat@cu-amiga.demon.co.uk or Q+A@cu-amiga.demon.co.uk.

PD SUBMISSIONS: We get hundreds of new PD programs every week, but we're still hungry for more. If you've written a PD program that you're proud of send it to the PD ZONE, CU AMIGA MAGAZINE, Priory Court, 30-32 Farringdon Lane, London EC1R 3AU.

COMPETITIONS: CU AMIGA MAGAZINE often runs competitions. To enter one of these simply put your name and address on the back of postcard, along with the answers and send them to us at the usual address. Competition entries are only accepted by post. One entry per person please and the editor's decision is final. Winners will be notified by post. Other rules may be printed from time to time.

BACK ISSUES: 01858 468 888. Subject to availability. UK price: £5.25 (inc P&P). ROW (£7.25).

SUBSCRIPTION DETAILS: Subscriptions are available from Tower Publishing, Tower House, Sovereign Park, Lathkill Street, Market Harborough LE16 9EF Tel: 01858 468888. Annual subscription rates (inc postage) 12 issues: UK/BFPO £51.00. SURFACE/ROW £57.60 AIRMAIL EUROPE £66.15. AIRMAIL ROW ZONE 1 £91.90. AIRMAIL ROW ZONE 2 £91.90.

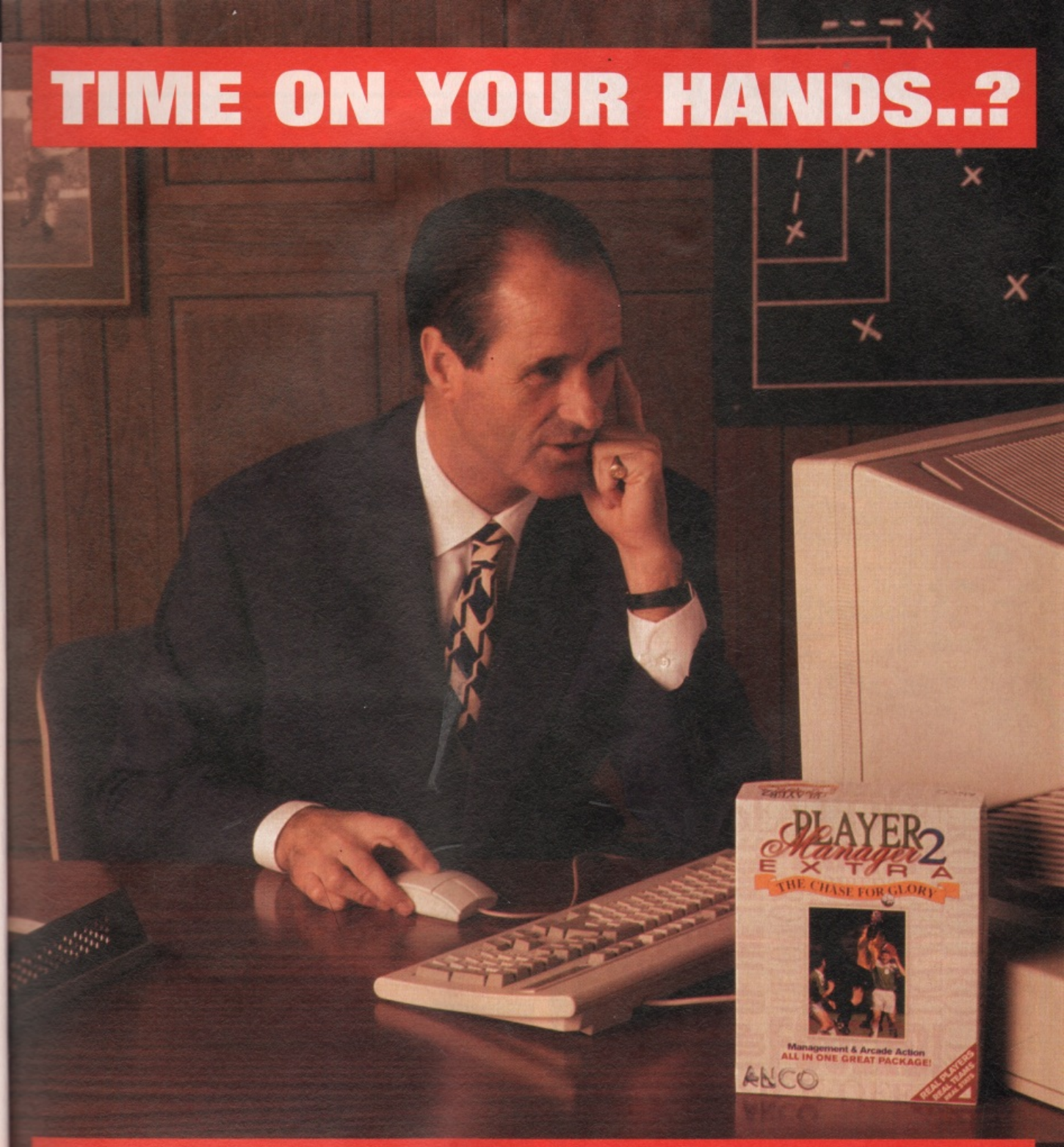
COVER DISK PROBLEMS: If you have a faulty cover disk then write or return your disk to our 3.5 inch people: CU AMIGA MAGAZINE COVER DISK RETURNS, PC WYSE, DOWLAIS TOP BUSINESS PARK, DOWLAIS, MERTHYR TYDFIL, MID GLAMORGAN CF4 8YY.

COMMS: You can contact CU AMIGA MAGAZINE, via the Internet/E-Mail on general@cu-amiga.demon.co.uk. Please keep E-Mail brief and to the point.

© EMAP Images 1995/1996. No part of this magazine may be reproduced in any form, either electronic or mechanical, or sold without the express written permission of the publisher. Cover disks remain the copyright of their respective suppliers and may not be duplicated, distributed or sold on without their permission. All material and prices are believed to be accurate at the time of going to press. CU AMIGA MAGAZINE attempts to maintain the highest standards, but cannot be held responsible for any errors, factual or otherwise which may have inadvertently creeped into the issue. None of the reviews or previews in any section of this magazine constitute paid for or otherwise solicited advertisements for that product or supplier. CU AMIGA MAGAZINE is an independent publication and the opinions expressed by its reviewers are their own, free of any outside encumbrance.

PRINTED IN THE UNITED KINGDOM BY ST IVES PETERBOROUGH ABC: 55,789 Jan – Jun 1995.

TIME ON YOUR HANDS..?



FACE THE GRIEF AND THE GLORY

Management and Arcade Action all in one great package!

Virgin INTERACTIVE entertainment

PC CD-ROM: £29.99 **AMIGA 1200: £24.99**

PC DOS: £24.99 **AMIGA 500: £19.99**

PLAYER MANAGER 2 EXTRA THE CHASE FOR GLORY

Available from all good computer stores

ANCO

For information contact Anco Software Ltd, Unit 7, Millside Industrial Estate, Lawson Road, Dartford, Kent DA1 5BH Tel: 01322 292513 Fax: 01322 293422

DISKS 123

Imagine 3.0 & AlgoMusic

Yes it's true: Imagine 3.0 is yours to keep with this issue of CU Amiga. You'll also find AlgoMusic entertaining with its amazing random music patterns.

If you've never used a 3D rendering program before, you really don't know what you're missing out on.

If you have, you'll already be frothing at the mouth in the knowledge that you now have the brilliant *Imagine 3.0* at your disposal. 3D rendering is highly addictive and once you've learnt the basics you won't be able to stop.

Never again will you power-down your Amiga after a hard day's work: why should you when you can set it rendering a new animation while you catch forty winks?

A cut above the rest

You may be wondering just what makes *Imagine* so special; just what can it do? For a start it can render incredibly realistic images and animations on Amigas with relatively low system requirements. While most professional 3D systems demand well in excess of 8Mb just to get started, Imagine will work in as little as 3Mb, although serious rendering will eat more RAM.

It has its own 'bones' system for realistically animating objects that are really a series of different parts all joined together. Then there's its particle generator and

AlgoMusic

We all like to listen to a few Amiga music modules while we're working (or playing), but what happens when you're bored of all your modules? *AlgoMusic* is the answer! Using its own algorithms, it generates random music that's different each time you run it. You can either run it from the icon on cover disk CU_123a or call it from the CLI. The CLI method allows you to control the tempo and certain aspects of the music, such as whether it uses breakbeats, whether it includes acid-style noises and if it runs forever or stops after a while.

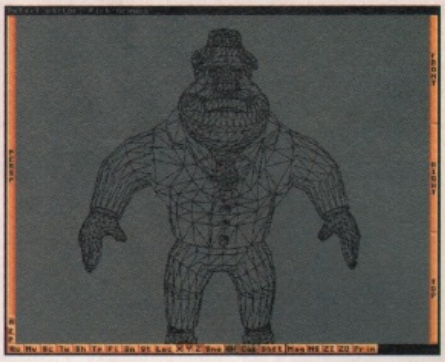
For example, to generate a fast techno track that uses breakbeats, open a CLI window and type:

```
cd CU_123a
algomusic.exe BPM 160 ACID FOREVER BB
```

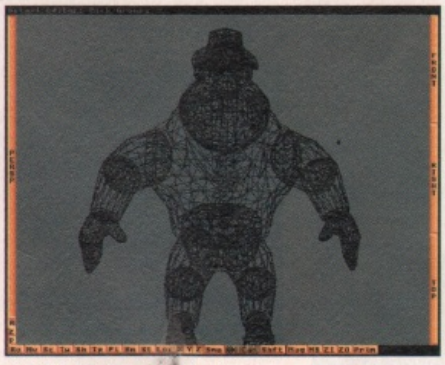
To find out more about how to control AlgoMusic, read the AmigaGuide document included on the same disk. Use Show All Files from the Workbench menu, click once on the AlgoMusic.guide icon and then hold down the Shift key and double click the AmigaGuide icon from your Workbench.

Most 3D graphics systems work around the same basic theories, and *Imagine* is not exception. Scenes are created by assembling a number of objects, covering them in colours or textures, lighting them and then 'rending' them, normally using a technique called ray tracing. Each object is made up from a number of points, each of which is joined to its neighbouring points by 'wires'. Hence the objects are known as wireframe constructions. Many complex calculations are required to accurately display these objects as coloured, solid items, so transparent wireframe displays are used during the construction and editing process to maintain a reasonable speed. The sequence here shows an object in various states of rendered display.

▲1. Transparent wireframe.



▲2. Solid wireframe.



▲3. Shaded solid wireframe.

▲4. Phong shaded (Quick render).

animator sections, just the thing for explosions, fountains and God knows what else.

In fact there's so much on offer in *Imagine 3* that we can't possibly describe it all here. Turn to page 26 for your guide to getting started with this amazing program. We'll be following up this beginners guide with a series of tutorials to help you get those most out of *Imagine 3*. ■

Upgrade To Imagine 4!

We can tell you're impressed with *Imagine 3*. So why rest on your laurels? *Imagine 4* is the latest produce from the *Imagine* stable, and offers even more powerful features than version 3! At the moment you can only order the upgrade direct from its developers Impulse Inc in the USA but don't worry, it could hardly be simpler. The price of *Imagine 4* is $110 (that's USA dollars). You can pay Visa or Mastercard, or send a US Money Order for US$110 direct to Impulse Inc, 8416 Xerxes Ave.N., Brooklyn Park MN 55444. If you have any questions you can call them on 001 612 425 0557. Call after 5PM GMT to allow for the time difference.

Please send me Imagine 4 for the Amiga.
I am paying by (tick one):

- ❑ **Visa**
- ❑ **Mastercard**
- ❑ **US Money Order**

Name: .....

Address: .....

.....

.....

Telephone: .....

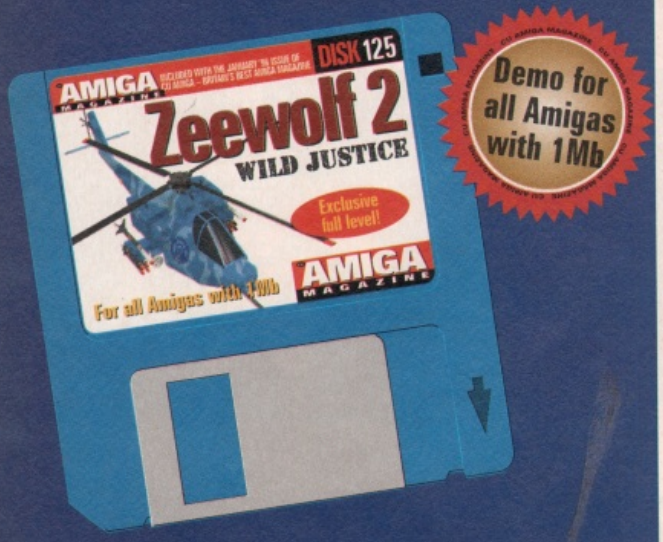
Card no. .....

Expiry Date .....

DISK 125

Zeewolf 2

WILD JUSTICE



Try this for size! A full level of Zeewolf 2, with fighter escort duties and a remote control tank. You'll just love it!

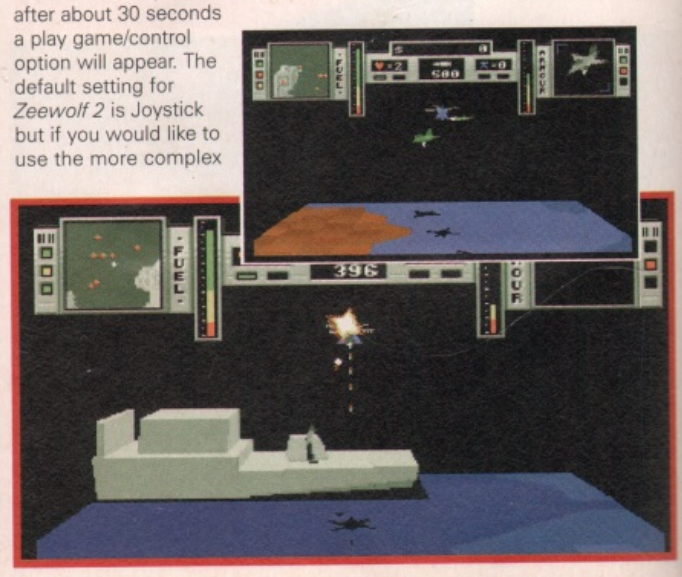
Zeewolf is a helicopter gunship. A powerful helicopter gunship. Your mission, should you choose to pursue it, is to fly one as a mercenary for a corporation called Zenith. This is a war of the future – not between countries, between companies. The enemy is called Ecliptico and conveniently they paint all their vehicles green and their soldiers wear green uniforms. Likewise, Zenith prefers blue. Remember this and you won't go shooting up your mates.

To load *Zeewolf 2* simply insert disk 125 into your Amiga's internal drive and restart your machine. After a few seconds a workbench screen will appear followed by a rendered helicopter screen. Then after about 30 seconds a play game/control option will appear. The default setting for *Zeewolf 2* is Joystick but if you would like to use the more complex mouse control then use the 'down' cursor button to select control option. Pressing the fire button will enter a new screen where you can again use the fire button and cursors to select mouse control.

Once you have selected 'start game' a scenario will slowly unfold with your mission on it. Once again using the up or down cursor you can scroll through the objectives, all of which are marked out on a 3D map. Once you've seen all there is to see, and the various locations on the map are imprinted on your mind then press the fire button and the mission will begin.

Control freak

Have you ever flown a helicopter? No. Neither have I. (My



Key Features

- Blades
- Planes
- Tanks
- Guns

Hot Exclusive – The Tank

Exclusive to this CU Amiga Magazine demo is the remote control tank. To use it you must first locate the RC Vehicle. This is a small blue tank with aerials and a crane. Land beside this and when it connects up to your Zeewolf you will be transported by the magic of remote control to a tank with a big gun. In fact this tank has two guns: one weak, weedy but nevertheless useful machine gun and one massive armour piercing cannon. The cannon will knock out any ground based unit with one shot, but cannot fire into the air. The machine gun is of little use against ground targets but will shoot at aircraft, so keep your ammo for this.

Controlling the tank is simple: Left, Right, Forward, and Back. Once again, the space bar toggles between weapons and L key will terminate the remote link. The tank travels faster on roads than on lumpy terrain and if it is destroyed you just return to your undamaged Zeewolf.

hat is off to anyone who has done so.) Controlling *Zeewolf* is ostensibly straightforward. Moving the joystick left and holding it flies the helicopter left, moving right turns it right, forward flies forward and back flies back (towards you, not backwards!). It will also fly diagonally. By flicking the joystick left, right forward or backward your chopper will turn in that direction and stay still. Actually holding the joystick in any direction will make it drop its rotors forward and pick up speed. Unfortunately this also makes it dive towards the ground, but by centring the joystick it will cease to dive. It will take a little time to get used to this control method but it's fairly easy after a while.

Unless you try mouse control. Some of the boys at Binary Asylum swear by this method, but we just haven't been able to master it at all. Still it might be worth a try. If you read our preview of *Zeewolf 2* (page 43) you will notice a reference to mowing the grass. This is what happens if you move the mouse too much in any direction: your chopper will skew 90 degrees forwards, then hit and skim the ground like a strimmer.

Pressing the right mouse button revs up the engine and speeds up the process, however, go too fast an you'll crash and blow up. It would appear that mouse control is indeed the best and most intuitive way to play the game but it's a bit like learning how to juggle with your mum's fave crystal. Give it a go.

Guns 'n' maps

The other controls you will need are the space bar which toggles between the three weapons at your disposal, the 'G' button which lowers the landing gear and the return key which toggles between the map and the playing screen.

In the top left hand part of the console at the top of your screen is a local area map which has all enemies marked on it as red dots, and friendlies as yellow dots. Enemies include tanks, anti aircraft emplacements, light tanks, mobile AA guns, landing craft, armed motor boats, a bloody great destroyer, a couple of commandos (whom you should not mistake for your own troops under any circumstances), a STOL fighter and two different types of helicopter.

To shoot at something head towards it, wait until it is in the target camera at the top right hand side of the console and open up using the fire button (left mouse button).

To toggle between bullets, missiles and homing air-to-air missiles use the space bar. Although the weapons have a limited auto aiming facility getting on target is still a fine art and you will need practice.

Little blue men

You will find a building which you can shoot up and when you do a little blue man will be released. Hooray. Press 'G' to land near him and pick him up. The little blue man counter on the centre console indicate you have one.

We asked Binary Asylum for a difficult level of the game and boy did they give it to us. You'll need to re-fuel, re-arm and re-armour your Zeewolf during the game as things get more frantic, so head for a friendly aircraft carrier. You will have to search for it but it will eventually appear on your local area map as four yellow dots.

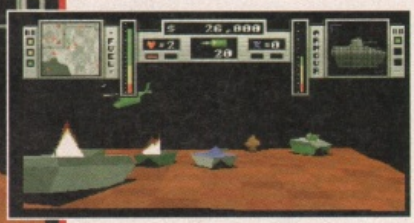
By landing on the rear deck (marked X) – a tricky task first time around, and discharging the geezers you have rescued your armour rating will increase (signalled funnily enough on a multi-coloured bar called Armour). Don't worry about the blue aircraft which seems overly happy to see you, he's there to help later on when you can escort him into battle. Then move to the front of the aircraft carrier, land on the Diamond and wait for the tank to connect up to you. This will bring up a new screen which will automatically refuel your 'copter and allow you to re-arm it (using the cursor keys, up and down to select weapons, right to load and fire to disconnect from the supply tank). Re-arming costs money and the only way to get money is to shoot the enemy, so you'd better have polished off some bad guys or you won't be able to afford it.

If you escort the airplane over a battle zone it will blast away at the enemy for a while. But if you want to really kick butt try finding the remote vehicle (a small tank with a crane) and use the big tank! See the boxout on your tank for more control information.

Find your way

Pressing the enter key will bring up the main map screen, with the entire land and sea mass shown on it. It will not have the enemy marked on it but when you are flying long distances you can use this map, with the smaller flight screen in the top right hand corner, to make sure you're on the right track.

And so – go to it. You will learn more about the demo as you go through it. This level should keep you busy for a while because there are an awful lot of enemies to counter. Prepare to fly, prepare to die, prepare to enjoy! ■



cover disks How to Load...

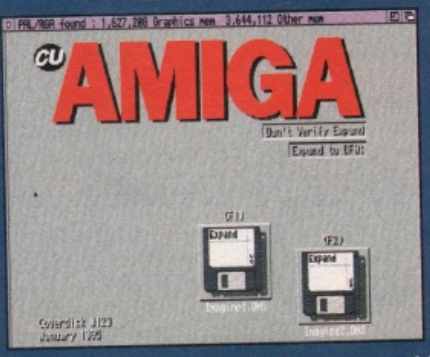
Imagine 3.0

We were determined to give you the complete *Imagine 3.0* package this month, including both the 'integer' and 'FPU' versions plus some extra bonus objects that aren't even included in the full release version! We also wanted to make *Imagine* accessible to as many different Amiga users as possible, and that includes both floppy and hard disk users. Somehow we've managed it, so as long as you have at least 3Mb of RAM, your Imagine 3.0 cover disks will take maximum advantage of your Amiga system. In order to achieve this without sticking a whole box of disks to the cover of the magazine, some cunning data compression techniques were employed. Follow these instructions very carefully to install *Imagine 3.0* on your system.

Decompressing Imagine 3.0

1. Before you start you'll need to have two spare disks for the hard drive installation, and five for floppy installation.
2. Regardless of your Amiga set-up, the first thing to do is insert cover disk 123a. The simplest method is to boot from disk 123a, so put it in the internal drive and reset the Amiga. Hard drive users can boot from the hard drive first, double click on the CU_123a disk icon and then double click the CUMenu.
3. From the menu you can choose to have your decompressed disks checked for errors. If you want this, click on the button marked 'Don't verify expand' which will switch it to read 'Verify expand'. If you have another floppy drive, you can choose to expand the disks to that. Select the drive with the button marked 'Expand to DF0:'.
4. To expand the first disk, click once on the Imagine1.DMS icon or press F1. Label your first spare disk 'Installer 1' and insert it at the prompt.
5. When the menu reappears, click on the second disk icon or press F2 to expand the second disk. You'll be asked to insert cover disk CU_123b, then your second blank disk, which you should label 'Installer 2'.
6. Once the menu reappears, you will have completed the first stage of the decompression. You will now have two installer disks, from which you can install the Imagine system to floppy disks or a hard drive.
7. Floppy users will now need to reboot from Workbench. Hard drive users can quit the menu by clicking in the top left corner of the window.
8. From the Workbench screen, insert the disk marked 'Installer 1' and double click the installer icon.
9. You will see three icons: HD_Install, Floppy_Install_INT and Floppy_Install. Floppy users with no FPU should double click the Floppy_Install_INT icon, while those with an FPU should double click Floppy_Install_FPU icon. Hard drive users should double click the HD_Install icon.
10. The floppy installation will require your three remaining spare disks. These will be formatted during the installation process. At this stage you should write protect your Installer 1 and Installer 2 disks in case you overwrite them.
11. The hard drive installer uses the standard Commodore installer front end. Choose whether you want the FPU or Integer version installed. The FPU version will crash on a machine without an FPU but will lead to faster rendering times on FPU-equipped machines.

Running Imagine



To use *Imagine* from floppy disk, you'll first need to boot from your Workbench disk. The *Imagine* program can be found on the Imagine_1 disk. You'll find the objects on the Imagine_2 disk. Hard drive users will find Imagine in the destination specified during the installation. If memory problems occur, or you encounter miscellaneous errors in the use of *Imagine*, quit all extra background programs and use normal memory saving techniques such as disabling unnecessary drives and peripherals.

Zeewolf 2 – Wild Justice

Zeewolf 2 is a self booting disk. To run the game first take the disk and write protect it. This is done by slipping the little tab in the top right hand corner of the disk up to expose the hole.

Now insert disk 125 into your internal floppy drive and reboot your Amiga. Within seconds a rendered loading screen will appear. After a little while a new screen will appear which allows you to select 'Start Game' or choose control.

Zeewolf 2 works best if you have fast RAM in your Amiga but we experienced minor problems with some accelerators. If you find that the demo crashes try disconnecting your accelerator or peripherals.

IF YOUR DISK WON'T LOAD

We go to great trouble to ensure that the CU Amiga Magazine cover disks will work on common Amiga models. However, if you do experience problems follow this simple guide. We also vigorously virus check our cover disks on a branded virus checker. If some escape our attention we cannot assume responsibility for it.

1: Remove all unnecessary upgrades and peripherals, such as printers and modems. Some trapdoor expansions can also cause problems.

2: Follow the instructions on this and previous pages exactly.

3: If you still experience problems loading the disk call the PCWyse helpline on 01685 350 505 between the hours of 10am and 12noon Monday to Friday.

If they advise that the disk is faulty, fill in your details in the form below, and send this form, along with the faulty cover disk and a 28p stamped self addressed envelope to:
CU Amiga Magazine Disk Returns, PCWyse Dowlais Top Business Park, Dowlais, Merthyr Tydfil, Mid Glamorgan CF48YY.

NAME: .....

ADDRESS: .....

TYPE OF AMIGA OWNED: .....

DISK NUMBER: .....

DESCRIBE EXACTLY WHAT HAPPENS WHEN YOU TRY TO LOAD THE DISK:

.....

.....

DATAFLYER SCSI+

Now includes CD ROM drivers and instructions.

The Dataflyer is a 16 bit SCSI II controller card that converts the signals on the internal IDE interface to also run SCSI devices at the same time as the IDE hard drive.

The Dataflyer SCSI+ will operate upto 5 SCSI devices such as CD-ROMS, hard drives, SyQuest removeable drives, tape back up drives etc.

Unlike other SCSI interfaces, the Dataflyer SCSI+ is compatible with all known accelerators etc and it does not stop you from utilising any of the important expansion ports on your A1200/A600.

The Dataflyer SCSI+ easily installs into the A1200/A600 (simply pushes in, no need to remove the metal shield) and provides a 25 way D connector through the blanking plate at the back of the A1200.

Full instructions and software supplied.

DATAFLYER SCSI+ ONLY £69.99
SQUIRREL SCSI INTERFACE ALSO AVAILABLE £59.99
PCMCIA fitting SCSI interface

2.5' HARD DRIVES

Our high speed 2.5' IDE hard drives for the Amiga A1200 & A600 computers come complete with fitting cable, screws, partitioning software, full instructions and 12 months guarantee. All drives supplied by us are formatted, partitioned and have Workbench (WB2 for the A600 and WB3 for the A1200) installed for immediate use. Fitting is incredibly simple; if you can plug the mouse into the mouse socket, you will be able to plug the hard drive into the hard drive socket.

PLEASE PHONE FIRST!

FREE 'HOW TO FIT YOUR HARDDRIVE' video and Stakker disk to increase the drive's capacity with every hard drive ordered

FREE WHILE-YOU-WAIT FITTING SERVICE FOR PERSONAL CALLERS

85mb	£89.99
120mb	£104.99
170mb	£119.99
250mb	£139.99
340mb	£174.99
540mb	£284.99

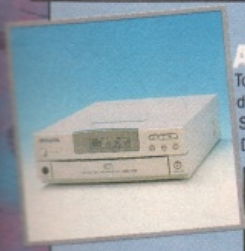
SCSI CD ROM DRIVES

MEDIAVISION 'RENO'

Double speed CD ROM DRIVE complete with power supply, SCSI cables, docking station and full instructions. Also includes stereo headphones and carrying case for use as personal CD player.

RENO CD
WITH SQUIRREL £174.99
WITH DATAFLYER £174.99

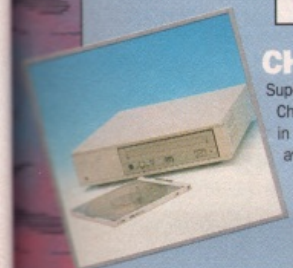
IDEAL CHRISTMAS PRESENT



AIWA ACD-300

Top of the range external CD ROM drive. Suitable for use with any SCSI interface. Ideal with the Dataflyer SCSI+

AIWA ACD-300
ONLY £167.49 OR
WITH SQUIRREL £209.99
WITH DATAFLYER £209.99



CHINON CDROM

Superb high quality, low cost Chinon external SCSI CD ROM drive in a top quality fan cooled case or available as an internal unit.

CHINON CDS435
INTERNAL £79.99
EXTERNAL £109.99
EXTERNAL WITH SQUIRREL £154.99

QUAD SPEED CDROM DRIVE

Amazing value quad speed external SCSI CD ROM drive in a top quality enclosure.

PANASONIC QUAD SPEED EXTERNAL WITH SQUIRREL OR DATAFLYER ONLY £239.99

APOLLO A1200 ACCELERATORS

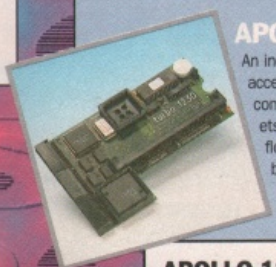
APOLLO 1220

Amazing power for such a low price. This superb accelerator uses a 68020 running at 28hz and comes complete with a 68882 FPU to enable your A1200 to run at 5 MIPS (million instructions per second)! Uses standard 72 pin SIMMS and includes a battery backed clock. Simple trapdoor fitting.

APOLLO 1220 ONLY £99.99
APOLLO 1220 +1mb £139.99
APOLLO 1220 +4mb £229.99

APOLLO 1232/50

An incredibly powerful trapdoor fitting accelerator based around a 68030 complete with MMU, 2 SIMM sockets (72 PIN SIMMS), socket for a floating point unit and battery backed clock. Runs at just under 9.5 MIPS (million instructions per second!)



APOLLO 1232/50 £199.99
4mb SIMM £129.99
8mb SIMM £239.99
68882 FPU £69.99

APOLLO A620

Internally fitting A600 Accelerator features 68020 and FPU both running at 28MHZ. 72 pin simm socket for up to 8 Mb of FASTRAM. Easy fit, makes your 600 faster than a 3000!!

NEW PRODUCT

APOLLO A620
ONLY £134.99
+ 2MB £199.99
+ 4MB £264.99

siren

No.1
FOR MAIL ORDER

No.1
FOR AMIGA IN MANCHESTER

Order NOW for immediate despatch

FREEPHONE 0500 340548
(credit/switch card sales only)

tel: 0161 796 5279
for enquiries or
fax: 0161 796 3208

Send cheques or postal orders (made payable to Siren Software) or credit card details to:-

SIREN SOFTWARE,
178 BURY NEW RD,
WHITEFIELD,
MANCHESTER
M45 6QF,
ENGLAND

Access, Visa, Switch, Delta, Connect etc accepted

OPEN:

Monday to Friday 9am to 6pm
Saturday mornings 9am to 12pm

Personal callers welcome.
Please phone first to check availability of any item.

DIRECTIONS:

From the M62 Junction 17 head towards Bury. We are 50 yards on the right hand side after the third set of lights. The door to our premises is next to the florists opposite the Masons Pub.

All prices include VAT. Postage and packing will be charged at £3.50 per order (U.K.), £7.50 Europe and £12.50 rest of the world.

www.reserve.co.uk
The Special Reserve Discount Club

CANNON FODDER 2
12.99

ELITE
4.99

CIVILISATION AGA
13.99 A1200

WING CMDR
5.99

MICROPROSE GOLF
7.99

WORMS
18.99

ALIEN BREED 3D
21.49 A1200

CHAMP MGR 2
20.99

ZEEWOLF
14.99

GLOOM DELUXE
20.99

IMPORTANT - PLEASE NOTE

NOP = not A500 +, A600 or A1200
NO12 = will not work on A1200
512K = will work on 512k machines
HDR = Hard Drive Required
EDR = External Drive Required
* = NEW Item
XS SAVER = deduct amount shown until date shown

A1200 GAMES

ACID ATTACK COMPILATION
GUARDIAN, ROADKILL AND SUPER SKIDMARKS • 22.99

ALIEN BREED 2 ..... 8.99
ALIEN BREED - TOWER ASSAULT 15.49
ALIEN BREED 3D 21.49
ANDRE AGASSI TENNIS 20.99
BODY BLOWS 11.99
CIVILISATION AGA 13.99

CORE COMPILATION VOL 1
BANSHEE, SKELETON KREW, HEIMDALL 2 ..... 15.99

DETROIT 21.99
DUNGEON MASTER 2 ..... 23.49
EXTREME RACING • 20.99
FEARS 20.99
FIELDS OF GLORY 12.49
FOOTBALL GLORY 14.99
GLOOM ('DOOM' CLONE) 20.99
HIGH SEAS TRADER 22.49
JUNGLE STRIKE 12.99
KINGPIN 10.99
NEW WORLD OF LEMMINGS 22.49
ODYSSEY 20.99
ON THE BALL - LEAGUE EDITION (HDR) 12.49
PGA EUROPEAN TOUR 14.99
PINBALL ILLUSIONS 19.49
POLE POSITION 10.99
SHADOW FIGHTER 14.99
SIM CITY 2000 (HDR & SMB) 14.99
SIMON THE SORCERER 18.99
SKELETON KREW 9.99
SOCCER SUPER STARS 19.99
STAR CRUSADER 18.99
SUB WAR 2050 • 18.99
SUPER STARDUST 26.99
SUPER STREETFIGHTER 2 TURBO • 22.99
THEME PARK 22.99
UFO - ENEMY UNKNOWN 19.99
ULTIMATE SOCCER MANAGER 19.99
VIROCOP 15.99
WEMBLEY - INT'L SOCCER 44.99

A1200 UTILITIES

BRILLIANCE V.2 AGA
PREMIER PROFESSIONAL ART PACKAGE. (HDR) 48.99

MONEY MATTERS 4
INCLUDES NEW LOAN CALCULATOR, FOREIGN CURRENCY CALCULATOR, HOME INSURANCE INVENTORY AND WORKBENCH CLIPBOARD SUPPORT • 44.99

PC TASK V.3.1
SOFTWARE PC EMULATION SYSTEM FOR AMIGA A1200. WINDOWS COMPATIBLE WHEN USED WITH A4000 OR EQUIVALENT REQUIRES MS DOS 3.3 OR ABOVE 59.99

PHOTOGENICS V1.2
THE ULTIMATE GRAPHICS AND MANIPULATION PROGRAM WITH MULTIPLE FILE FORMAT SUPPORT (INCLUDES IFF, GIFF, JPEG) AND MANY EDITING FEATURES. RATED 95% BY AMIGA FORMAT 53.99

VISTA PRO (LITE)
CREATE SPECTACULAR VIRTUAL WORLDS WITH THIS POWERFUL SCENERY CREATOR AND ANIMATOR. (HDR) 26.99

WORDWORTH V5
NEW FEATURES IN THIS VERSION INCLUDE STYLE SHEETS, FOOTNOTES, FONT EFFECTS, QUICK PRINTING, IMPORT FROM FINAL WRITER AND MANY MORE IMPROVEMENTS • 65.99

AMIGA GAMES

A10 TANK KILLER 12.99
ALIEN BREED - T/ASSAULT (512K) 14.99
ALIEN BREED 2 ..... 8.99
ANDRE AGASSI TENNIS 18.99
APPROACH TRAINER 29.99
ARCADE POOL 7.99

AWARD WINNERS 3
CIVILISATION, ELITE 2, LEMMINGS 24.99

AWARD WINNERS GOLD
SENSIBLE SOCCER, ELITE, JIMMY WHITES SNOOKER, ZOOL 20.99

B17 FLYING FORTRESS 12.99

BEAU JOLLY COMP
CANNON FODDER, SETTLERS, CHAOS ENGINE, T2 ..... 17.99

BEHIND THE IRON GATE 16.99
BIG 100 (100 SHAREWARE GAMES) 8.99
BLACK CRYPT 10.99
CANNON FODDER 12.99
CANNON FODDER 2 ..... 12.99
CENTERFOLD SQUARES 4.99
CHAMPIONSHIP MANAGER 2 ..... 20.99
CHAMPIONSHIP MANAGER COLLECTION (93/94 + UPDATE DISK) 14.99
CHAMP MANAGER ITALIA 93/94 ..... 10.99
CHAMP MANAGER ITALIA 95 ..... 14.99
CHAOS ENGINE (512K) 9.49
CHAOS ENGINE 2 ..... 22.99

CLASSIC COLLECTION - DELPHINE
FLASHBACK, CRUISE FOR A CORPSE, ANOTHER WORLD, OPERATION STEALTH, FUTURE WARS 18.99

CLASSIC COLLECTION - LUCAS ARTS
MONKEY ISLAND, INDY JONES ADVENTURE, LOOM, MANIAC MANSION, ZAK MCKRACKEN 19.99

CLUB FOOTBALL - THE MANAGER 9.99
COLOSSUS CHESS X (NO12) 4.99
CORRUPTION (512K) 4.49
COVER GIRL STRIP POKER • 8.99
CRICKET CAPTAIN (NOP) 4.99
DAILY DOUBLE HORSE RACING 4.99
DESERT STRIKE 10.99
DETROIT 21.99
DOGFIGHT 12.99
DUNE 11.49
DUNE 2 - BATTLE FOR ARRAKIS 13.99
ELITE (512K) 4.99
ELITE 2 (FRONTIER) 12.99
ELITE PLUS 12.99
EYE OF THE BEHOLDER 12.49
EYE OF THE BEHOLDER 2 ..... 12.49
F117A STEALTH FIGHTER 2.0 ..... 12.99
FIELDS OF GLORY 13.99
FIFA INTERNATIONAL SOCCER 17.99
FINAL OVER - ARCADE CRICKET 11.49
FOOTBALL DIRECTOR 2 ..... 4.99
FORMULA 1 - WCE (512K) 14.99
FORMULA 1 GRAND PRIX (512K) 10.49
FORMULA 1 MASTERS 20.99
GLOOM DELUXE 20.99
GOAL (512K) 5.99
GRAHAM GOOCH - TEST MATCH SPECIAL 19.49
- DATA DISK 9.99
- WORLD CLASS CRICKET 12.99

GREMLIN COMPILATION VOL 2
ZOOL 2, LOTUS 3, PREM MANAGER 2, SPACE CRUSADE 18.99

GUNSHIP 2000 ..... 14.99
HEART OF CHINA 12.99
HEROQUEST 2 ..... 9.99
HISTORYLINE 1914-18 ..... 12.99
INDY JONES FATE OF ATLANTIS ADV 13.99
INNOCENT 9.99
JIMMY WHITES SNOOKER (NO12) 9.99
JINXTER (512K) 4.49
JUNGLE STRIKE 12.99
JURASSIC PARK 12.99
KGB (512K) 11.99
KINGPIN 10.99
KNIGHTS OF THE SKY 12.49
LEISURE SUIT LARRY 1 ..... 11.49
LORDS OF THE REALM 21.49
LOST VIKINGS (512K) 9.99
LURE OF THE TEMPTRESS 11.99
MAN UTD PREM LEAGUE CHAMPS 7.99
MAN UNITED - THE DOUBLE 22.99
MICRO MACHINES (512K) 12.99
MICROPROSE GOLF 7.99
MORTAL KOMBAT 9.99
MORTAL KOMBAT 2 ..... 19.99
MR BLOBBY (512K) 4.99
NICK FALDO'S GOLF (512K) 6.99
ON THE BALL - LEAGUE EDITION 12.49
PGA EUROPEAN TOUR 12.99

PINBALL DOUBLE PACK
PINBALL DREAMS & FANTASIES 17.49

PINBALL DREAMS 13.99
PINBALL FANTASIES (512K) 9.99
PLAYER MANAGER 2 ..... 15.99
POLICE QUEST 3 ..... 12.99
POPULOUS & PROMISED LANDS (512K) (NO12) 10.99
POWERDRIVE 9.99
POWERMONGER & WW1 DATA DISK (512K) 11.49
PREMIER MANAGER 3 + EDITOR 13.99
PREMIER MANAGER 3 EDITOR 9.99
PRIMAL RAGE 22.99
REACH FOR THE SKIES (512K) 11.99
RISE OF THE ROBOTS 14.99
ROAD RASH (512K) 10.49
ROME AD 92 ..... 12.99
RUGBY LEAGUE COACH 16.49
SCRABBLE (512K) 16.99
SECRET OF MONKEY ISLAND 12.99
SECRET OF MONKEY ISLAND 2 ..... 12.99
SENSIBLE GOLF 21.99
SENSIBLE WORLD OF SOCCER 21.99
SENSIBLE WORLD OF SOCCER 96 • 22.99
SILENT SERVICE 2 (NO12) 11.99
SIMON THE SORCERER 14.99
SKID MARKS 12.49
SLEEPWALKER (512K) 8.99
SOCCER KID (512K) 7.49

SPACE LEGENDS
WING COMMANDER, MEGATRAVELLER, ELITE 11.99

SPEEDBALL 1 & 2 (512K) 7.99
SPERIS LEGACY 18.99

SPORTS MASTERS
PGA GOLF, INDY 500, ADVANTAGE TENNIS, EUROPEAN CHAMPS 1992 ..... 13.99

STABLE MASTERS 20.99
STEVE DAVIS WORLD SNOOKER 4.99
STREETFIGHTER 2 (512K) 11.49
SUPER SKID MARKS 2 ..... 20.99
SUPER STREETFIGHTER 2 ..... 19.99
SWIV (512K) (NOP) 4.99
SYNDICATE 12.99

THE LOST TREASURES OF INFOCOM 1
20 CLASSIC TEXT ADVS (512K) 19.49

THEME PARK 22.99
TORNADO 12.99
UFO - ENEMY UNKNOWN 20.99
ULTIMATE SOCCER MANAGER 19.99
VIROCOP 19.99
WING COMMANDER 1 ..... 5.99
WINTER OLYMPICS 9.99

WORLD CUP YEAR 94
GOAL, CHAMP MGR 94 + DATA DISK, STRIKER, SENSIBLE SOCCER 12.99

WORLD OF GOLF 20.99
WORMS 18.99
ZEEWOLF 14.99
ZEEWOLF 2 ..... 23.99

XTRA SAVINGS ON COLONIZATION & FLIGHT OF AMAZON QUEEN

COLONIZATION (A1200) 22.99
COLONIZATION (A500/500) 22.99
XS COLONIZATION - DEDUCT £3 UNTIL FEB 7
RRP = £34.99 SRP = £22.99 - £3 SAVE £10.00

FLIGHT OF THE AMAZON QUEEN 18.99
XS AMAZON - DEDUCT £3 UNTIL DEC 28
RRP = £19.99 SRP = £16.99 - £3 SAVE £6.00

AMIGA UTILITIES

DATASTORE 2
PERFORMANCE ENHANCEMENTS OVER DATASTORE. LIST VIEW, USER DEFINED REPORTS AND MANY MORE FEATURES • 44.99

DELUXE PAINT 3
POWERFUL ART AND ANIMATION PACKAGE 6.99

GB ROUTE PLUS
POWERFUL AND EASY TO USE ROUTE PLANNING SYSTEM 36.99

HOME ACCOUNTS
BEST SELLING MONEY MANAGING APPLICATION 9.99

HOME ACCOUNTS 2
TOP FEATURED PERSONAL FINANCE/SMALL OFFICE MANAGER 25.99

MINI OFFICE
INTEGRATED WORD PROCESSOR, SPREADSHEET, DATABASE AND DISK UTILITIES 37.99

ORGANISER 2
VERY EASY TO USE PERSONAL INFORMATION MANAGER • 44.99

PERSONAL PAINT V6.4
AN EXCELLENT INTRODUCTION TO THE WORLD OF GRAPHICS • 44.99

WORDWORTH V1.2 SE
PROFESSIONAL WORD PROCESSOR. FEATURES WYSIWYG DISPLAY 14.99

WHEN YOU JOIN:

Buy any item at the same time as joining or renewing for one year and we'll give you

GUYVER 1
Animated Action MANGA VIDEO (Rated 15)
OR
SUPERMODEL KELLY
Top quality laminated MOUSE MAT
ABSOLUTELY FREE

Just state your choice as you order. Overseas members add £2 carriage. Existing member can renew early to take advantage of these offers

NEW from Manga Video
STREET FIGHTER 2 ANIMATED MOVIE
rated 15 VHS tape
12.99

BLANK DISKS

FROM 7.99 FOR 10

SPECIAL RESERVE BLANK DISKS ARE BRITISH MADE GUARANTEED ERROR FREE. TDK DISKS ARE BRANDED AND BOXED IN TENS. LABELS SUPPLIED

PACK OF 10 TDK MF-2DD 3.5" DISKS (DSDD BRANDED) 7.99

PACK OF 50 TDK MF-2DD 3.5" DISKS (DSDD BRANDED) 22.99

PACK OF 10 SPECIAL RESERVE HD
3.5" DISKS + FREE PLASTIC FLIP TOP DISK BOX 7.99

PACK OF 10 TDK FORMATTED 2HD
3.5" DISKS INCLUDES ONE FREE DISK AND 10 CAPACITY DISK BOX WHILE STOCKS LAST 9.99

PACK OF 50 SPECIAL RESERVE HD
3.5" DISKS 19.99

PACK OF 50 TDK FORMATTED 2HD
3.5" DISKS INCLUDES FIVE FREE DISKS AND FIVE 10 CAPACITY DISK BOXES WHILE STOCKS LAST 28.99

3.5" FLOPPY DRIVE HEAD CLEANER 6.99

AMIGA LEADS

(PLEASE STATE "AMIGA" WHEN ORDERING)

ANALOGUE JOYSTICK ADAPTOR FOR AMIGA ALLOWS ANY 15 PIN ANALOGUE PC JOYSTICK TO BE USED ON ALL AMIGAS WITH GAMES THAT ALLOW ANALOGUE CONTROL 9.99

ANTI-SURGE 4 WAY TRAILING MULTIPLUG CONNECTS 4 DEVICES TO ONE MAINS OUTLET AND PROTECTS AGAINST ELECTRICAL SURGES 24.99

HI-FI AUDIO LEAD - AMIGA/CD32
TO STEREO (1.5 METRES, 2 X PHONO PLUGS TO 2 X PHONO PLUGS) 5.99

MONITOR LEAD - AMIGA CD32
TO CM8833 MKII OR 1084S MONITOR 12.99

MONITOR LEAD - AMIGA
TO CM8833 MKII OR 1084S MONITOR 12.99

NULL MODEM CABLE (25 PIN) 9.99

PORT EXTENSION ADAPTOR
PACK OF TWO EXTENDS JOYSTICK AND MOUSE PORTS BY 21CMS 7.99

PRINTER LEAD 1.5 METRES 5.99

PRINTER LEAD 5 METRES 9.99

RF LEAD - TV TO CONSOLE OR COMPUTER (2 METRES) 4.99

RF SWITCH - AMIGA, ST OR CONSOLE
SWITCH BETWEEN TV AERIAL AND COMPUTER WITHOUT DISCONNECTING LEADS 5.99

ROBOSHIFT INTERFACE PLUGS MOUSE & JOYSTICK IN ONE PORT 9.99

SCART LEAD - AMIGA CD32
TO TV WITH SCART INPUT 10.99

SCART LEAD - AMIGA
TO TV WITH SCART INPUT (WORKS WITH ALMOST ALL TV's) 10.99

BOOKS

CANNON FODDER OFFICIAL GUIDE 10.99
COMPLETE IDIOTS GUIDE TO THE INTERNET 20.49
DUNGEON MASTER HINT BOOK 3.99
INDIANA JONES AND FATE OF ATLANTIS HINT GUIDE
SPECIAL RESERVE CLUB VERSION 3.99
INSIDE COMPUSERVE 5TH EDITION 23.99
INTERNET FOR DUMMIES 17.99
SECRET OF MONKEY ISLAND HINT BOOK 9.99
SECRET OF MONKEY ISLAND 2 HINT BOOK 9.99
SECRETS OF FRONTIER (ELITE 2) 9.49
SIMCITY 2000 OFFICIAL HANDBOOK 15.99
THE UK INTERNET BOOK 2ND EDITION 19.99
TOTAL! AMIGA BEGINNERS 14.99
TOTAL! AMIGA DOS
A COMPREHENSIVE GUIDE TO THE USE OF AMIGA DOS 14.99
TOTAL! AMIGA WORKBENCH
CONTAINS ALL YOU EVERY WANTED TO KNOW ABOUT WORKBENCH 14.99
UFO (XCOM) STRATEGIES AND SECRETS 12.99

JOYSTICKS AND MICE

QUICKSHOT 137F PYTHON
WITH AUTOFIRE
10.99

SAITEK MEGAGRIP 2
WITH AUTOFIRE
12.99

TECHNOPLUS SUPER PRO ZIP STICK
MICROSWITCHED WITH AUTOFIRE
12.99

FREEWHEEL STEERING WHEEL
DIGITAL VERSION, IDEAL FOR DRIVING AND FLIGHT SIMS BEST USED WITH FOOT PEDAL
12.99

QUICKJOY FOOTPEDAL
TRANSFERS JOYSTICK FUNCTIONS TO FOOTPEDALS, IDEAL FOR USE WITH FREEWHEEL STEERING WHEEL
12.99

DYNAMICS COMPETITION PRO JOYPAD FOR CD32 AND AMIGA
TURBO AND AUTOFIRE
16.99

EKLIPSE MOUSE FOR AMIGA
290 DPI, 2 BUTTON MICROSWITCHED, FREE MOUSE MAT
11.99

ALFA MEGAMOUSE 400
HIGH QUALITY 400 DPI, 2 MICROSWITCHED BUTTONS
13.99

OVERDRIVE HARD DRIVES

THESE HIGH SPEED HARD DRIVES ARE SUITABLE FOR THE A1200 AND A600. COMPLETE WITH SYSTEM SOFTWARE PRE-INSTALLED AND POWER SUPPLY. THESE DRIVES PLUG INTO THE PCMCIA SLOT OF YOU AMIGA AND THEREFORE DO NOT INVALIDATE THE WARRANTY

OVERDRIVE 250 MB HARD DRIVE 239.99
OVERDRIVE 1.25 GB (1272 MB) HARD DRIVE 299.99

INTERNAL 2.5" HARD DRIVES

HIGH SPEED DRIVE FOR AMIGA A1200 AND A600 & SX-1. COMPLETE WITH FITTING INSTRUCTIONS AND PRE-INSTALLED SYSTEM SOFTWARE. NOTE OPENING YOUR AMIGA INVALIDATES THE WARRANTY. PLEASE STATE A1200, A600 OR SX-1 ON YOUR ORDER

170 MB 2.5" INTERNAL HARD DRIVE FOR AMIGA 134.99
340 MB 2.5" INTERNAL HARD DRIVE FOR AMIGA 169.99

EXTERNAL DISK DRIVE 49.99

880K FORMATTED CAPACITY, LONG REACH CABLE, COLOUR MATCHED DESIGN, HIGH QUALITY DESIGN

ZYDEC ZYFI PRO 2 STEREO SPEAKERS 47.99
SURPERB HI-FI QUALITY SPEAKERS PERFECT FOR ALL COMPUTERS AND PERSONAL HIFI. 36 WATTS RMS. BASS, TREBLE AND VOLUME CONTROL. POWERED BY MAINS (LEAD SUPPLIED). WITH THUNDERING BASS

MOUSE MATS

RESERVE.CO MOUSE MAT
SPONGE BACKED
4.99

MOUSE MATS WITH NON SLIP BACKING AND POLYCARBONATE COATING FOR LONG LIFE

STAR TREK TNG CREW ... 9.99
GENERATIONS - TWO CAPTAINS ... 9.99
FLOATING BENCH ... 9.99

RAM UPGRADES

TRAPDOOR RAM EXPANSION FOR A500+, A600 AND A1200

1 MB A500 PLUS RAM WITH CLOCK 29.99
1 MB A600 RAM WITH CLOCK 42.99
4 MB RAM BOARD FOR AMIGA A1200 WITH CLOCK 184.99
4 MB + FPU RAM BOARD FOR AMIGA A1200 WITH CLOCK AND ADDITIONAL FAST 33 MHz FLOATING POINT UNIT FOR MATHS AND GRAPHICS ACCELERATION 239.99

MONITOR AND STEREO TV

AMIGA M1438 14" MULTISYNC MONITOR 289.99
NEW MONITOR FROM AMIGA TECHNOLOGIES FOR A1200 AND A4000, WITH BUILT IN STEREO SPEAKERS, 0.28 DOT PITCH MPRII LOW RADIATION SIGNAL AND POWER LEADS SUPPLIED

NOKIA 14" SCART TV 164.99
• REMOTE CONTROL • SQUARE TINTED TUBE • HEADPHONE SOCKET • SCART SOCKET

NOKIA 14" NICAM STEREO TV 214.99
AS ABOVE PLUS FASTEXT
NICAM DIGITAL STEREO
AND ADJUSTABLE SOUND DEFLECTORS

SCART LEAD - AMIGA TO SCART TV (NOT GOLDSTAR) 10.99

POWER SUPPLY

COMMODORE AMIGA POWER SUPPLY 27.49
COMPATIBLE WITH AMIGA A500, A600 AND A1200
23 WATTS STANDARD OUTPUT

ANTISURGE 4 WAY TRAILING MULTIPLUG ... 24.99
SAFLEY CONNECTS 4 DEVICES TO ONE OUTLET AND PROTECTS AGAINST ELECTRICAL SURGES

AMIGA A1200 MAGIC PACKS

Amiga A1200 computer with powerful 32 bit CPU combined with AGA chipset offering superb graphics and sound capabilities.
Built in keyboard, internal disk drive, TV modulator and many industry standard ports to allow connection to monitors, modems, printers, scanners, CD ROM drives, hard drives and much more. Fully multi-tasking Workbench 3.1 operating system and 20 software titles.

WORDWORTH V4 SE, PHOTOGENICS V1.2 SE, DATASTORE V1.1, ORGANISER V1.1, PERSONAL PAINT V6.4, TURBO CALC V3.62, WHIZZ AND PINBALL MANIA

PLUS FREE FROM SPECIAL RESERVE ZOOL, LEMMINGS, EPIC, SPEEDBALL 1 & 2, MYTH, TRIVIAL PURSUIT, DENNIS, OSCAR, WING COMMANDER AND CIVILISATION AGA

PLUS FREE FROM SPECIAL RESERVE 2 EXTRA UTILITY PACKAGES DELUXE PAINT 4 AND PRINT MANAGER

AMIGA A1200 2/0 MAGIC PACK
PLUS 10 FREE GAMES 399.99

A1200 COMPUTER WITH 2MB RAM, MAGIC PACK SOFTWARE AND 10 FREE GAMES

AMIGA A1200 2/170 SCALA MAGIC PACK
WITH 170MB INTERNAL HARD DRIVE
PLUS 10 FREE GAMES 499.99

A1200 COMPUTER WITH 2MB RAM, 170MB INTERNAL HARD DRIVE, SCALA MM300 MULTIMEDIA SOFTWARE, MAGIC PACK SOFTWARE AND 10 FREE GAMES

FREE SOFTWARE MAY VARY SUBJECT TO STOCK

AMIGA CD32
CRITICAL ZONE PACK 159.99

CD32 CONSOLE OFFERING GRAPHICS CAPABILITY OF 262,144 COLOURS ON SCREEN FROM A PALETTE OF OVER 16 MILLION. HIGH QUALITY AUDIO WITH THE ABILITY TO PLAY MUSIC CD'S. PACK INCLUDES SEVEN GAMES, LIBERATION, CANNON FODDER, MICROCOSM, ULTIMATE BODY BLOWS, PROJECT X, DIGGERS AND OSCAR ON CD PLUS A 6 BUTTON CONTROL PAD

CARE & PROTECTION
DUST COVERS - HIGH QUALITY CLEAR PVC

COVER FOR 14" MONITOR ...6.99
COVER FOR 80 COLUMN PRINTER 5.99
COVER FOR A1200 ... ...5.49
COVER FOR A600 ... ...5.49
COVER FOR A500 ... ...5.49

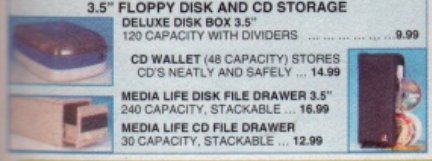
3.5" FLOPPY DISK AND CD STORAGE

DELUXE DISK BOX 3.5" 120 CAPACITY WITH DIVIDERS 9.99

CD WALLET (48 CAPACITY) STORES CD'S NEATLY AND SAFELY ... **14.99**

MEDIA LIFE DISK FILE DRAWER 3.5" 240 CAPACITY, STACKABLE ... **16.99**

MEDIA LIFE CD FILE DRAWER 30 CAPACITY, STACKABLE ... **12.99**



FAST FAX/MODEMS

- FULLY APPROVED FOR CONNECTION TO BT
- MNP2-5 V42bis, CLASS 1, 2 AND GROUP 3 FAX COMPATIBLE
- FREE 1 MONTH SUBSCRIPTION TO COMPUSERVE
- FREE INTERNET SUBSCRIPTION OFFER
- FREE INDIGO FAX BOX OFFER
- FREE TECHNICAL SUPPORT
- FREE SUBSCRIPTION OFFER TO .NET MAGAZINE
- FREE INTERNET STARTER GUIDE
- MASSIVE 7 YEAR WARRANTY

EXTERNAL 14.4 FAX/MODEM FOR AMIGA WITH TERMITE SOFTWARE & CABLES 129.99

EXTERNAL 28.8 FAX/MODEM FOR AMIGA WITH TERMITE SOFTWARE & CABLES 209.99

COLOUR PRINTERS

CITIZEN ABC COLOUR DOT MATRIX ONLY 144.99

24 PIN, 80 COLUMN, 192 CPS/64 LQ. 2 YEAR WARRANTY, FREE EASYSTART SOFTWARE, **FREE EXTRA COLOUR RIBBON.** THE EASIEST PRINTER TO USE ON THE MARKET

QUALITY COLOUR PRINTING HAS NEVER BEEN SO AFFORDABLE

CANON BJC 4000 COLOUR INKJET ONLY 279.99

64 NOZZLES, 80 COLUMN, 5 FONTS, 8 PPM, 360 DPI BUILT IN SHEET FEEDER (100 SHEETS) **FREE EXTRA COLOUR CARTRIDGE.** VERY DIFFICULT TO BEAT

CAN YOU FIND ANOTHER DEAL LIKE THIS?

PCI DX4/100
QUAD MULTIMEDIA PC

From Only 1021.27+ VAT with 4 MB RAM and everything shown including 1.25 Gig Drive and Windows 95

TRUST PCI 486 DX4/100 MULTIMEDIA PC

- Microsoft Windows 95 operating system
- Samsung 1272 MB (1.25 Gig) super high speed drive
- Very attractive mini-tower case
- Powerful 486 DX4/100 MHz processor (more powerful than a Pentium P60)
- 128K cache upgradeable to 256K
- Fast 1 MB PCI 32-bit graphics accelerator
- Enhanced IDE controller supports four drives
- 5 drive bays, 4 PCI slots, 4 16-bit ISA slots
- Expandable to 64 MB RAM
- Samsung 14" Syncmaster 0.28 dot pitch SVGA award-winning monitor with tilt and swivel stand
- Windows 95 keyboard, mouse and mouse mat
- Fitted Quad Multimedia plus software

2 YEAR ON-SITE WARRANTY

TRUST MULTIMEDIA PC
MASSIVE
1272 MB
SUPER HIGH SPEED HARD DRIVE, (1.25 GIGABYTE)
WITH
WINDOWS 95,
FAST
QUAD SPEED CD
GENUINE
SOUND BLASTER 16
PRO, MICROPHONE & SPEAKERS,
AWARD WINNING
SAMSUNG 14"
SVGA SYNCMASTER MONITOR,
ADDITIONAL
£500 WORTH
OF MICROSOFT CD's,
PLUS
8 CLASSIC GAMES
AND
2 YEAR ON-SITE WARRANTY

PENTIUM P100
QUAD MULTIMEDIA PC

From Only 1327.65 + VAT with 8 MB RAM and everything shown including 1.25 Gig Drive and Windows 95

TRUST PENTIUM P100 MULTIMEDIA PC

- Microsoft Windows 95 operating system
- Samsung 1272 MB (1.25 Gig) super high speed drive
- Large sculpted midi-tower case
- Intel Pentium P100 MHz processor (or optional Pentium P120 MHz CPU)
- 256K cache upgradeable to 1MB
- Fast 1 MB PCI 32-bit graphics accelerator
- Enhanced IDE controller supports four drives
- 6 drive bays, 4 PCI slots, 4 16-bit ISA slots
- Expandable to 128 MB RAM
- Samsung 14" Syncmaster 0.28 dot pitch SVGA award-winning monitor with tilt and swivel stand
- Windows 95 keyboard, mouse and mouse mat
- Fitted Quad Multimedia plus software

2 YEAR ON-SITE WARRANTY

PRICES AND SPECIFICATION SUBJECT TO CHANGE, PLEASE REFER TO CLUB MAGAZINE FOR CONFIGURATIONS AVAILABLE

REGULAR 48-PAGE COLOUR CLUB MAGAZINE
CHEATS & MOVES
RELEASE SCHEDULE
CHARTS
REVIEWS
HUGE RANGE
ALL GENUINE UK PRODUCTS
HEAVY DISCOUNTS
XS SAVERS
CREDIT TERMS
GREAT PRIZES TO BE WON

10am to 8pm
7 days a week!
01279 600204

www.reserve.co.uk
The Special Reserve Discount Club

Club Shops at
CHELMSFORD, ESSEX
43 Broomfield Road.
Just around the corner from the bus station.
SAWBRIDGEWORTH, HERTS
The Maltings, Station Road.
A few miles from the M11, near the station.
Items bought in the shops carry a 50p surcharge on the Mail Order prices.
Members only but you can order as you join.

UNLESS STATED ALL PRICES INCLUDE VAT & DELIVERY

SEGA SATURN
WITH ONE CONTROLLER, SCART LEAD AND ONE GAME. CHOOSE FROM DAYTONA USA, PANZER DRAGOON OR VIRTUA FIGHTER
IN STOCK NOW

SEGA SATURN 309.99
WITH ONE CONTROLLER AND ONE GAME
Choose from Daytona USA, Panzer Dragoon or Virtua Fighter
RF Interface for Saturn ... 16.99

BUG	35.99	PEBBLE BEACH GOLF	35.99
CLOCKWORK KNIGHT	32.49	RAYMAN •	34.99
CLOCKWORK KNIGHT 2	31.99	ROBOTICA	31.99
CYBER SPEEDWAY	31.99	SEGA RALLY •	43.99
DAYTONA USA	42.99	SHINOBI X	32.99
DIGITAL PINBALL	32.99	SIM CITY 2000 •	36.99
FIFA SOCCER 96 •	35.99	STREETFIGHTER - THE MOVIE	32.99
INTERNATIONAL VICTORY GOAL	35.99	THEME PARK	36.99
MANSION OF HIDDEN SOULS	38.99	TILT	32.99
MORTAL KOMBAT 2	39.99	VIRTUA COP (WITH LIGHT GUN) •	51.99
MYST	38.99	VIRTUA FIGHTER	42.99
NBA JAM TOURNAMENT EDITION	32.99	VIRTUA FIGHTER 2 •	43.99
NHL HOCKEY	38.99	VIRTUA HYDLIDE	35.99
NHL ICE HOCKEY 96 •	35.99	VIRTUA RACING DELUXE	31.99
PANZER DRAGOON	42.99	WING ARMS	38.99

FREE 24 HOUR CARRIAGE FOR THE SEGA SATURN AND THE SONY PLAYSTATION

PLAYSTATION
WITH ONE CONTROLLER, TV RF LEAD (SCART AVAILABLE) AND PLAYABLE DEMO CD FEATURING DESTRUCTION DERBY, WIPE OUT, LOADED, BATTLE ARENA TOSHINDEN & TOTAL NBA 96
IN STOCK NOW

PLAYSTATION 299.99
WITH FREE EXTRA PAD WORTH 29.99
Run the PlayStation through Scart TV for an even better quality picture
Scart Lead for PlayStation ... 9.99

3D DECATHLON •	32.99	JOHN MADDEN 96 •	34.99	ROAD RASH •	34.99
3D LEMMINGS	37.99	JUMPING FLASH	37.99	S/WAVE ASSAULT •	34.99
ACTUA GOLF •	39.99	KILEAK THE BLOOD	37.99	STARBLADE ALPHA	37.99
ACTUA SOCCER •	39.99	KRAZY IVAN	37.99	STREETFIGHTER - THE MOVIE •	32.99
AGILE WARRIOR	32.99	LOADED •	39.99	STRIKER 96 •	35.99
AIR COMBAT	37.99	LONE SOLDIER	34.99	TEKKEN	39.99
ASSAULT RIGS	37.99	MORTAL KOMBAT 3	39.99	THEME PARK	36.99
BATTLE ARENA TOSHINDEN	37.99	NHL ICE HOCKEY 96 •	34.99	TILT •	32.99
CYBER SLED	37.99	NOVASTORM	37.99	TWISTED METAL	37.99
DEST DERBY	39.99	PGA TOUR GOLF	36.99	VIEWPOINT •	34.99
DISCWORLD	37.99	PGA TOUR GOLF 96 •	34.99	WARHAWK	37.99
DOOM •	37.99	PHILOSOMO	37.99	WING COMMANDER 3	36.99
EXTREME SPORTS	37.99	PSYCHIC DETECTIVE	36.99	WIPE OUT	39.99
FIFA SOCCER 96 •	34.99	RAPID RELOAD	37.99	WORMS •	36.99
HI-OCTANE •	34.99	RAYMAN •	34.99	X-COM •	29.99
		RIDGE RACER	39.99		

WE ONLY SUPPLY MEMBERS BUT YOU CAN ORDER AS YOU JOIN

MEMBERSHIP FEES	UK	EC	WORLD
ONE YEAR	£6.00	£8.00	£10.00

Club benefits include regular club magazines, £180 worth of XS Savers (coupons) per year, club competitions and huge discounts across the range. Members are under no obligation to buy.
All prices include VAT and carriage to MOST UK mainland addresses.

Overseas orders must be paid by credit card
Hardware items (battery or mains) are only supplied to the UK addresses
Overseas surcharge £2.00 per software item or **25%** on other items

KURU

(BLOCK CAPITALS please)
Name & Address

Postcode
If Mac or PC please state DISK or CD ROM

Phone No Machine

Enter membership number (if applicable) or
NEW MEMBERSHIP FEE (ANNUAL UK 6.00)

item

item

item

Please use this box to add any **optional** fast delivery charge
1st Class Post 50p per posted item or **£3 hardware**

ALL PRICES INCLUDE UK POSTAGE & VAT £

Cheque/P.O./Creditcharge/Mastercard/Switch/Visa

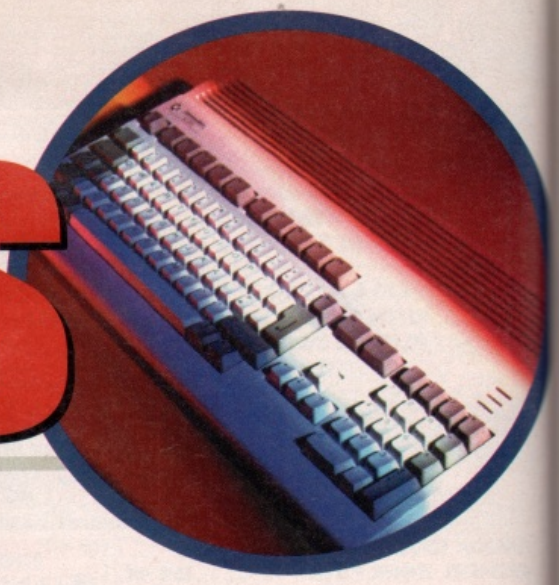
CREDIT CARD
EXPIRY DATE SIGNATURE SWITCH (ISSUE NO)

Mail Order address. Cheques payable to:
SPECIAL RESERVE
P.O. BOX 847, HARLOW, CM21 9PH
or FAX a credit card order on 01279 726842 - and we'll FAX back.
Inevitably some games listed may not yet be available. Please phone to check availability. Prices may change without prior notification. Sent to press 21.11.95 E. & O.E. SAVE = Saving off full retail price.
Inter-Mediates Ltd, The Maltings, Sawbridgeworth, Herts.

Charge card or personal loan subject to status. Please phone for written details.

CU AMIGA

News



AT Quad Speed Drive Revealed

Amiga Technologies have announced that they are preparing a quad speed CD-ROM drive for launch early in the new year. The Q-Drive as it is currently known will retail for around £229 and will be supplied with official CD32 emulation software that should get around current incompatibility problems. Like all other drives currently available it uses the PCMCIA port for speed and convenience and has a transfer rate using a 16-bit ATAPI/EIDE bus of 600Kb per second.

Soft-Logik Problems

Anyone experiencing problems getting hold of their *PageStream* update shouldn't worry, according to Soft-Logik. Delays to some shipments have been caused by them running out of manuals!

Soft-Logik are now having them re-printed while we write and we've been asked to apologise on their behalf for any delays experienced.

If you are worried about your order or want to know when it will arrive then contact them on tel: 001 314 256 9595 or fax; 001 314 256 7773. You can also write to them at: 315 Consort Drive St Louis, Missouri, MO 63011 USA.

Escom Selling A1200s

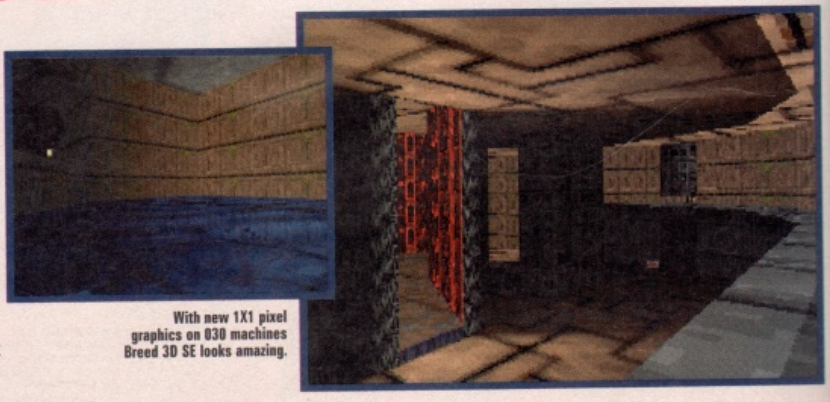
Our wish to see more Amiga coverage in 1996 has come true already. Escom's recent magazine insert in the national press included the Amiga for the first time.

Priced at £398.33 (a whole 67p cheaper than anywhere else) the Amiga got disappointingly little space in the advertisement, but with a claimed circulation of 20,000,000 through the national press it's certainly the biggest advertisement the Amiga has had yet.

Also, the same magazine has the Escom version of the Commodore PC advertised on its outsideback cover. A Pentium, it sells for £1600!

A NEW Breed?

Spokesman for Team 17 told us that Andy Clitheroe, *Breed 3D*'s programmer has already finished an update disk for the game. The disk will "crush any opposition" alleged Steve Heley, their new PR man and 'net browser, though he wasn't very forthcoming with full information on the project. This is because Team 17 are, at the time of going to press, still deciding when, how and if they are going to release it. According to Steve it is likely to incorporate a level designer, more bad guys and a "significant" graphics update, allowing machines with faster processors and more RAM to have much less blocky graphics. With a bit of luck we should have it for review next month. That's if Team 17 decide to publish it, so get on the phone now to encourage them: (01924) 267776.



With new 1X1 pixel graphics on 030 machines Breed 3D SE looks amazing.

MERRY CHRISTMAS & HAPPY NEW YEAR TO ALL OUR CUSTOMERS

GREY-TRONICS LTD

LOWEST PRICES | BEST SERVICE | RAPID DELIVERY

SALES FREE CALL 0500 737 800

OTHER ENQUIRIES 0181 686 9973 / 0181 781 1551

DISKS DISKS + LOCKABLE BOXES

TDK BRANDED DISKS AT BULK PRICES

100% CERTIFIED ERROR FREE

	TDK DS/DD	DS/HD	
50 3.5" Disks	£15.99	£18.99	+ 100 cap lockable box....Add £4.00
100 3.5" Disks	£27.99	£28.99	+ 100 cap lockable box....Add £4.00
150 3.5" Disks	£38.99	£41.99	+ 2 x 100 lockable box....Add £8.00
200 3.5" Disks	£48.99	£51.99	+ 2 x 100 lockable box....Add £8.00
300 3.5" Disks	£73.99	£76.99	+ 3 x 100 lockable box..Add £12.00
400 3.5" Disks	£98.99	£101.99	+ 4 x 100 lockable box.Add £16.00
500 3.5" Disks	£123.99	£126.99	+ 5 x 100 lockable box.Add £17.50
1000 3.5" Disks	£229.99	£234.99	+ 10 x 100 lockable boxAdd £30.00

FREE LABELS + FREE DELIVERY BY PARCEL FORCE

NEW AMIGA A1200 PACKS

*** STANDARD PACK**

Wordworth 4.SE / Digital Data Store II / Turbo Calc 3.6
Digital Organiser / Personal Paint 6.4 / Photogenics 1.2
SE 2 Games: Pinball Mania - Wizz

SAVE £30

£369.99

*** OFFICIAL WITH 170Mb HARD DISK**
SAME AS ABOVE + SCALA 300

£469.99 SAVE £30

PLACE YOUR ORDER NOW. STOCKS ARE LIMITED

AMIGA CD32

7 GAMES PACK
Cannon Fodder, Diggers, Liberation, Oscar, Microcosm, Project X, Ultimate Body Blows. £194.99
FREE DELIVERY

SX1 Modular Expansion	£191.99
Keyboard for CD32	£36.99
Disk Drive for CD32	£49.99
CD32 to Amiga 1200 inc software	£29.99
CD32 to Scart	£11.99
Competition Pro Pad	£15.99
Commodore Original Pad	£8.99
CD32 HiFi Lead	£11.99

Add £2 p&p for accessories

AMIGA CD ROM DRIVE

Overdrive Double Speed CD	£174.99
Overdrive Quad Speed CD	£234.99
Squirrel SCSI-2 Interface	£69.99

Plugs into your PCMCIA & allows you to connect 7 SCSI devices

AMITEK HAWK RAM BOARD FOR A1200

2Mb Ram	£127	Alternative	£120
4Mb Ram	£187	Alternative	£180

A500/500+/600 RAM EXPANSION (CALL)

INKJET CARTRIDGES AND REFILLS

HP Deskjet Black Dual Capacity Cartridge	£22.99
HP Deskjet Black Refill	£7.99
HP Deskjet 500 C /560 C Colour Cartridges	£25.99
HP Deskjet 500 C/560 C Colour Refill	£16.99
Canon BJ 10/200 Black ink Cartridges	£16.99
Canon BJ 10/200 Black ink Refill	£9.99
Citizen Project IIC Colour	£34.00
Citizen Project IIC Mono	£20.50

TOP QUALITY RIBBONS

BLACK		BLACK	
Amstrad DMP 2000/3000	£3.00	Panasonic 2135	£8.25
Amstrad DMP 4000	£3.66	Panasonic KXP2123/2180	£4.00
Amstrad PCW8256-8512/LQ3500	£3.00	Star LC10/20/100	£2.99
Amstrad 9512	£3.50	Star LC200	£3.50
Citizen 120D/LSP10/Swift 24/9	£2.85	Star LC2410/24200	£3.00
Epson LQ100	4.10	**COLOUR**	
Epson LX80/86/90	£2.50	Citizen Swift 24	£12.99
Epson LQ400/500/800/850	£3.45	Panasonic 2135/2123/2180	£13.99
Epson FX/MX/RX80/LX800	£3.45	Star LC10/20/100	£7.00
NEC Pin Writer P2200	£3.50	Star LC200	£12.30
Seikosha SSP1200/1600/2000	£4.00	Star LC2410/24200	£12.50
Panasonic KXP1123/1124/1180	£3.30	ADD £2 P&P	

HARD DRIVES

EXTERNAL OVERDRIVE HARD DISK

Provides games and data portability to A600/A1200.

External Casing	£68	560MB	£234.99

INTERNAL 2.5" + CABLE & SOFTWARE

80MB 2.5"	£69.99	250MB	£137.99
120MB 2.5"	£99.99	340MB	£179.99
170MB 2.5"	£124.99	520MB	£259.99

APOLLO ACCELERATORS

Turbo 1220	£98.99	1240/33/SCS12	£437.99
1230/40EC	£168.99	620 for Amiga 600	£129.99

FREE DELIVERY

AMIGA CABLES

Amiga to TV Scart	£10.99
Amiga to Sony TV	£10.99
Amiga to Amiga (Parnet/Null modem)	£10.99
Modulator overhang lead 23M/23F	£11.99
Joystick Splitters	£5.99
Automatic Mouse/Joystick Cable	£13.99
Joystick Extension Lead 10ft	£5.99
Printer Lead	£4.00

DUST COVERS

Amiga 1200/500/500P/600	£4.00
Commodore/Philips Monitors	£4.00
Star/Citizen/Panasonic Printers	£4.00

ACCESSORIES

Amiga Disk Drives (Sony 2 yrs warranty)	£54.00
Amiga Mouse (Top Quality)	£11.50
Internal Drives A500/A500+/A600/A1200	£34/£44.00
TV Modulator (2 yrs warranty)	£34.00
Deluxe Mouse Mat	£1.99
1000 Labels	£8.99
3.5" Disk Head Cleaner	£1.99
Python 1M Joystick	£8.75
Maverick 1M Joystick	£10.99

Add £2 for Delivery

3.5" DELUXE LOCKABLE BOXES

50 Capacity £4.05
100 Capacity.....£4.99
Add £2.00 P&P

3.5" STACKABLE BOXES

100 Cap drawer.....£9.99
80 Cap Banx Boxes.....£9.99
Add £2.00 P&P

AMIGA 4000 TOWER

A4000T 040 25Mhz	£2099
A4000T 060 50Mhz	£2399

SPECIFICATIONS: A4000 Tower, 6Mb Memory, 1.7Mb Floppy Drive, 1.2 Gig SCSI Drive, Scala 300 Preinstalled

FUSION VIDEO GENLOCK

It is a high specification video genlock that is ideal for both the first time user (for adding titles, graphics & effects to home movies) & the semi professional user (wedding videos, corporate presentations..) FREE Scala HJ100 (enables you to add special effects and overlay text onto your video.

£98

NEW PRINTERS

PANASONIC 2135
24 PIN COLOUR
£164.99
All printers free lead & delivery

DOT MATRIX — 24 PIN

PANASONIC 2135 24 pin colour inc sheet feeder	£164.99
Citizen ABC 24 pin colour	£144.99
Citizen Swift 200 24 pin colour	£169.99
NEC P2Q 24 pin mono	£124.99

INK JET - DESKTOP & PORTABLE

Citizen Projet IIC Colour Inkjet	£249.99
Hewlett Packard 600 mono ink jet	£245.99
Hewlett Packard 600 colour inkjet	£270.99
Hewlett Packard 660 colour ink jet NEW	£325.99
Canon BJ30 mono inc. sheet feed	£184.99
Canon BJ70 colour ink jet	£289.99
Canon BJ200EX mono ink jet	£207.99
Canon BJ4000 colour ink jet	£289.99
Canon BJ600E colour ink jet	£412.99
Epson stylus colour IIS	£275.99

Add £12.50 for (Ribbon; Dot Matrix only) dust cover,printer stand, 500 A4 paper when purchased with printer

MONITORS

Amitek Monitor 1084S
£189.99
WITH TILT AND SWIVEL STAND

Microvitec 1438 (Free speakers)	£279.99
Sharp TV/Monitor	£174.99
Amiga M1438S	£287.99

U.K. & INTERNATIONAL DELIVERY SERVICES - (BFPO ORDERS WELCOME + SURCHARGE)

ALL PRICES INCLUDE VAT & DELIVERY (unless otherwise stated). Delivery within 3 days (UK MAINLAND ONLY).
ADD £10.00 FOR NEXT DAY DELIVERY CALL OR SEND CHEQUES/POSTAL ORDERS TO:

GREY-TRONICS LTD, UNIT 1015 WHITGIFT CENTRE, CROYDON, SURREY CRO 1UU

SALES HELPLINE: 081-686 9973 Mail order prices only FAX: 081-686 9974

All offers subject to availability E&OE. Prices/Part details may change without notice. Please allow 6 working days for cheques to clear.

THE WORLD's FASTEST AMIGAS ARE ON THIS PAGE!

CYBERVISION 64

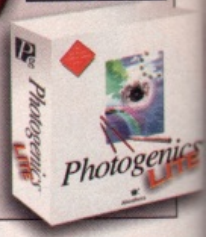
LIMITED OFFER
FREE PHOTOGENICS LITE SOFTWARE WITH CYBERVISION 64s FOR A LIMITED TIME!

64-BIT ENGINE A3000/4000 24-BIT COLOUR ACCELERATED GRAPHICS CARD. For all Zorro-3 Amigas, this 64-Bit high speed graphics engine/blitter offers up to 1600 x 1200 pixels in 8-Bit colour or 1024 x 768 pixels in True 24-Bit Colour, with 2Mb of display memory (4Mb user upgradeable).

Cybervision 64... 2Mb - £329.95 4Mb - £439.95

Request your FREE Technical Brochure

FREE PhotoGenics LITE...Powerful software for image manipulation - the ULTIMATE 24-bit graphics package for A3000 or A4000! Includes 27 effects for processing photos/images such as Emboss, Solarize, Texturize, Add Noise etc. as well as Paint Tools inc. Chalk Pastels, Crayon, Felt Tips & more - Brilliant! (Packaging is shown for illustration purposes only and is not included)



THE ADVANTAGES OF OUR BOARDS ARE UNSURPASSED... Just Compare our Performance!

Standard A500/600/1500/2000	0.55/0.72
Standard A1200	1.33
Standard A4000, '030	4.43
A1200 with 1220/4, '020	5.05
A1200 with 1230-IV, '030 & 4Mb	9.91
Standard A4000, '040	19.10
A1200 with 1260, '060 & 4Mb	£7.40
A1500 /2000 with 2060, '060 & 4Mb	£7.40
A4000 with Cyberstorm, '060 & 4Mb	£9.85

Figures shown are in MIPS and taken from comparative performance tests using SysInfo standards (1230-IV, 1260, 2060 and Cyberstorm ratings use 60 Nanosecond SIMMs).

CYBERSTORM

THE WORLD'S FASTEST... NO QUESTION!

- Up to 128Mb of standard SIMMs can be installed and you can even transfer the 72Pin SIMMs from your A4000 straight onto Cyberstorm.
- Options include a SCSI-2 only module, or a SCSI-2 and combined Ethernet expansion module. *Request your FREE Technical Brochure*

The World's Fastest Amiga!

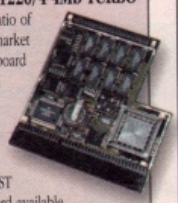
CYBERSTORM - THE FIRST FULL 68060 ACCELERATOR FOR THE A4000 *(ask for details about A3000 compatibility too).* When Cyberstorm, a 50MHz 68060 board, renders a test graphic with Imagine 2.0 software, the processing time is FAST... Just 2.45 minutes - Compare this with 10.34 mins on a standard A4000 '040/25!

Cyberstorm 68060/50
50MHz 68060, 0Mb (Expandable to 128Mb)
£PHONE!

BLIZZARD 1220/4

28MHz 68EC020 A1200 TURBO 4Mb, 32-Bit RAM Expandable to 8Mb

Multi award-winning BLIZZARD 1220/4 4Mb TURBO



Offers by far the best price/performance ratio of any A1200 32-Bit RAM expansion on the market incorporating everything a good memory board should - such as a Real Time Clock, RAM expandability, optional FPU etc. With its Motorola Processor running the 32-Bit FAST RAM at an amazing 28MHz, the 1220/4 has broken all the barriers! Check the facts for yourself and fit the BEST Amiga A1200 68EC020 Turbo Memory board available.

- Integrated 28MHz 68EC020 Clock Speed Doubler for up to 300% overall performance increase
- Factory Installed & Tested 4Mb 32-Bit FAST RAM
- Expandable to 8Mb with Blizzard Add-4 Board
- Integrated Battery Backed Real Time Clock
- Easy Trapdoor Installation
- Can be disabled in situ for full games compatibility

1220/4 Turbo 28MHz 68EC020 4Mb 32-Bit Fast RAM (Expandable to 8Mb) **£199.95**

Add-4 Board - extra 4Mb for 1220/4 4Mb 32-Bit Fast RAM add-on **£169.95**

Motorola Maths Co-processors 68882 PLCC type FPU, 25/33MHz **£Call**

THE AWARD WINNING A1200 RAM EXPANSION!

Blizzard products have consistently achieved the highest magazine accolades and awards!
Amiga Shopper said "in short if you want the fastest Amiga in the World, you have no option"
Amiga Computing "...Amigas can now do anything Pentiums can"..."
Amiga Format "...buy one as soon as you get chance"- 95% rating

[1]*Available 1st Quarter '96*

BLIZZARD 1230-IV

NEW...

50MHz 68030 A1200 TURBO ACCELERATOR - 0Mb Expandable to 128Mb

The Blizzard 1230-IV Turbo Accelerator Memory Board

is the successor to the market leading 1230-III and the highest performing 68030 accelerator available for the A1200! Not only has there been an INCREASE in specification, but also a DECREASE IN PRICE! With its 50MHz 68030 and MMU, the new 1230-IV offers EVEN MORE for LESS! With a SysInfo rating of 9.91 (using a 60 Nanosecond SIMM) you can see the 1230-IV is **very** fast - a performance gain of up to 500% is achieved! Options via its Fast Expansion Bus include Modules such as a SCSI-2 Controller. An industry standard SIMM socket provides for up to 128Mb of auto-configuring 32-Bit FAST RAM (or 256Mb with the SCSI-2 option including its extra SIMM socket).

- Easy Trapdoor Installation
- Battery Backed Self Recharge Real Time Clock
- High Performance DMA Expansion with Full 32-Bit wide DMA
- 68030 may be disabled with a Simple Keystroke on Boot Up allowing Full Games Compatibility - Even Badly Programed, Older Software!
- PGA FPU Socket allowing Optional 50MHz, 68882 FPU

1230-IV Turbo 50MHz 68030 & MMU 0Mb 32-Bit Fast RAM (Expandable to 128Mb) NEW... LOWER PRICE **£179.95**

4Mb SIMM RAM Expansion (Fast 60 Nanosecond) 32-Bit, 72 pin *(Call for Larger SIMM prices)* **£134.95**

Motorola Maths Co-processor 68882 PGA type FPU, 50MHz **£99.95**

SCSI-2 Module[1] for 1230-IV Turbo (With additional 128Mb SIMM socket) **£89.95**

THE WORLD's FASTEST A1200 '030 ACCELERATOR!

What the Magazines think...

1st Place Amiga Shopper Reader Awards — AMIGA FORMAT GOLD — CU AMIGA SUPERSTAR — AMIGA COMPUTING TOP RATED — AMIGA FORMAT Star Buy — AMIGA SHOPPER

NEW 68060 ACCELERATORS FOR THE AMIGA A1200, A1500 and A2000 RANGES

Motorola Motivated SPEED & Rating Guaranteed

If you'd like to know how to make YOUR Amiga A1200, A1500 or A2000 as fast as any Amiga can be... ask for our free brochure which shows you how!

Blizzard products have always been at the forefront of the Amiga accelerator market and we were the first to launch 68060 boards with the amazing performance they bring. Since that launch, there have been shortages of 68060 Motorola CPUs and production output has fluctuated. Although supplies of these chips were expected to be fully on line by now, Motorola cannot meet the demand. We are assured however that by the early part of 1996 Motorola will be in a position to fulfil the market's needs and hence, Blizzard product delays (which are beyond our control) should disappear. Until then you may well ask...

Should I be tempted to buy on '040 instead?

Well, when the Blizzard '060s can be **Two or Three** times as fast yet cost as little as 25% more, why buy an '040 which offers a far lower price to performance ratio! When we considered the possibility of producing an "interim '040", we decided it was not a product worthy of development. The facts are simple, if YOU want the **FASTEST** Amiga, a 68060 is the ONLY way. Maybe you should think about reserving a Blizzard 1260 or 2060 now - stocks are bound to be limited when the mighty 68060 returns! A small wait now, but an '040 will always keep your Amiga waiting longer!

NEW... BLIZZARD 1260

1260 Turbo[1]
For the Amiga 1200s
50MHz 68060 & MMU
0Mb 32-Bit Fast RAM, Expandable to 64Mb
£599.95

NEW... BLIZZARD 2060

2060 Turbo[1]
For Amiga 1500/2000s
50MHz 68060 & MMU
0Mb 32-Bit Fast RAM (Expandable to 128Mb)
£699.95

All Blizzard and Cyberstorm products use brand new MOTOROLA 68030 series processors (not second hand as in some of our competitors' boards). They always run **WITHIN** the electrical timing specification laid down by Motorola to prevent any possible overheating/reliability problems. When you pay for a new 50MHz CPU for example, that's exactly what you get - not a 40, 35 or even a 25MHz CPU "clocked" to 50MHz! Look out for the **MOTOROLA MOTIVATED** logo - your guarantee of our commitment to quality and reliability - **BEWARE** of "clocked" CPUs!

gordon harwood computers

the UK's favourite Amiga Dealer

GORDON HARWOOD COMPUTERS LIMITED
Dept: CUA/B5 NEW STREET, ALFRETON, DERBYSHIRE. DE55 7BP

Tel: 01 773 836781
Fax: 01 773 831040

PLEASE CALL TO CONFIRM AVAILABILITY BEFORE MAKING A LONG JOURNEY TO VISIT US. OUR OPENING TIMES ARE... Mon-Sat, 9am until 5pm

BY PHONE: Simply call our order line. We accept VISA, Mastercard, Access, Switch, Connect, Delta AMEX and Lombard Creditcharge (most 'store cards' are Lombard eg. Dixons, Currys etc).

BY POST or FAX: Include your name, address and daytime phone number plus order details. If charging a credit/debit card include... number and expiry date (also issue number with Switch cards). Make Cheques (allow 7 days clearance prior to despatch), Bankers/Building Society Drafts or Postal Orders payable to Gordon Harwood Computers

PRICES: Please remember to confirm prices in case you are looking at an 'old' magazine. Prices can change (up or down) before the magazine's cover month has passed. Please confirm before sending orders by post.

DELIVERY: We ship promptly and offer delivery of all orders throughout Mainland UK & most products overseas. If your order is urgent we have priority despatch options with express delivery available.

EXPORT: Most items are available Worldwide, and at TAX FREE PRICES to non EC residents & overseas UK Armed Forces Personnel (with CO's document). Please call us for confirmation of prices and carriage charges.

Computer '95

- **PowerPC Cards**
- **New C language**
- **DraCo super computer**

Mat Bettinson reports ...

The Computer '95 show in Cologne should really have been called Amiga '95 because although there were lots of companies there demonstrating games for the PC and console no-one was in any doubt as to what was causing the biggest stir: the Amiga. From the **Amiga Technologies** stand through to the numerous software and hardware retailers Amiga kit was selling faster and causing more interest than anything else. All of the big German manufacturers were there along with some of the UK's best known suppliers.

We've covered the bigger stories under separate headings but here's a brief run-down of the rest of the show news. **ProDad**, authors of the CU Amiga cover mounted *ClarriSSA*, were really putting on a show to those interested in video. Demonstrations of their software product range as well complete solutions for genlocks, video editing/effects, animation, titling and even CD cutting. Stefan Ossowski's **GTI**, occupied a large stand and was doing a roaring CD trade as well as selling out of *Directory Opus 5*. The **UK's Fourth Level Developments** were present on the GTI stand too, offering support and advice on *Ami-FileSafe*, their excellent replacement file system.

HiSoft System's David Link was demonstrating a prototype of the Surf Squirrel, the next generation Squirrel SCSI interface with an integral serial port. They also had a large television displaying an MPEG video that was playing from a prototype of their Squirrel MPEG unit, connected to an Amiga via the Surf Squirrel. It looked around the same quality as the MPEG card for the CD32, if not better.

Amiga Oberland, another Germany company, were showing the rendering package *Reflection 3.0*. It was seen running on an Amiga 4000 and a PC. The post effects looked absolutely brilliant and the front end was being manipulated by people successfully after only a short acclimatisation. Unfortunately *Reflections* isn't available in English at this point in time but we told them they should do an English version and we'll let you know if this happens.

ACT Electronics, the makers of the prolific Apollo range of accelerators, were showing quite a few new products. The 4040/4060 accelerator with a built in SCSI interface and provision for up to 128Mb of RAM was on offer and you can expect a review of it in next month's CU Amiga Magazine. They also had a 1240 accelerator on display though after talking with the manager for some time, it appears that they are suffering a shortage of 68040 and 68060 chips from Motorola and even though the unit is finished, they can't ship any because they haven't got the CPUs. Also on display was the SX-32, a new low-cost SX-1 type clone with much the same expansion capabilities. The retail price in Germany was around the 395 DM region which means it should be well under £200 in the UK. We'll try and bring you a review of this unit as soon as a UK distributor becomes available.

PowerPC

Barely two weeks after Amiga Technologies' Video Toaster Expo announcement of the move toward Motorola PowerPC RISC CPU technology, **Phase 5** stole the show. Occupying a large and impressive stylish black stand at Computer '95 in Cologne, Phase 5 showed that they were working on PowerPC technology well before Amiga Technologies made it public. Publicly displaying a 'PowerUp' board in a glass case, indications are that Phase 5 decided to design and build PowerPC accelerators well even before Amiga Technologies had even made a decision to use the chip.

The prototype unit on display possessed a 68030 in addition to the 66MHz PowerPC 604. The reason being that since the AmigaOS is not ported to the PowerPC at this moment in time, it must still run under the 68030. In effect the PowerPC RISC CPU is a co-processor working in tandem with the 68030. Phase 5 already have the CyberGraphX 3rd party

▲ The Amiga Technologies stand was centre stage in Hall 1. It was heavily staffed and always crowded. There were A1200s, A4000Ts and a prototype of the new Q-drive as well as various Amiga merchandise.

▲ Various Amigas were being demonstrated with multimedia applications, the Internet, music and other serious software. Above, Doctor Kittel of Amiga Technologies GmbH exercises his keyboard skills.

▲ MicroniK produce various towers for Amiga systems. Above is one for the A600!

retargetable (RTG) graphics system entirely ported to the PowerPC for blistering graphics speeds never before seen on an Amiga. Since Amiga Technologies announced that they are 'working with' Phase 5 to port AmigaOS to the PowerPC, this means that not only will we have PowerPC co-processor accelerators in the short term but eventually the entire Amiga range can move to PowerPC fast ... thanks to the foresight of Phase 5.

The planned cards will have 64-bit wide memory expansion bus, 64-bit wide local bus with optional PCI bridge.CyberGraphX 3.0 native. The low end model will be based on the MPC603e 100MHz+ and is due around mid 1996. The high end model will be based on the MPC620 rated at 300MHz+, but no details have been announced about when this version will be ready. Prices will be in the £400 to £1000 range.

Full details of the forthcoming range of PowerPC accelerators were not available at the show, but Phase 5 did announce some exciting prospects. The first being that big-box Amiga PowerUp boards will have the option of a PCI bridge bus, paving the way forward to being able to use the myriad of ultra cheap and high performance PCI cards on the market. Video accelerator graphics boards and high speed disk controllers are just a couple of the benefits that the PowerUPed Amiga has to gain at the hands of Phase 5. Plans were also in the works to provide a PowerUp upgrade program for their existing 680x0 based accelerators.

Phase 5 sources said that the porting of AmigaOS will start with the Exec part of the OS being ported first with the rest of the Amiga operating system running under 68000 emulation in the meantime. Later the entire OS would be ported to the PowerPC. This was also Amiga Technologies' goal though they aren't the only ones behind the PowerUp project. **Almathera, Maxon Computer GmbH,** ProDad and **Softwood** are all supporting Phase 5 and will no doubt be working feverishly on the evaluation boards and developers kits that Phase 5 say will be available in the first quarter of 1996. Looks like the RISC Amiga will be here sooner rather than later. For further information call Phase 5 on (Germany) +49-6171-583787.

MicroniK towers

Tucked away to one side, the **MicroniK** stand was attracting more attention than its neighbours and for very good reason: they had tower expansion kits for just about every model of Amiga. Not just new and larger cases to house your Amiga and its drives, these are real towers that add Zorro capability to vast majority of Amigas which don't have it. Zorro slots are present in all big-box Amigas and as such there's a tremendous variety of expansion cards that any Zorro equipped Amiga can make use of.

For instance, owners of even an old A500 could fit their machine into a MicroniK A500 tower with a Zorro bus-board and then go on to fit a 24-bit graphics board, SCSI controller and 16-bit sound card. Given the horrendous cost of the Amiga Technologies A4000 tower and the discontinuation of the A4000 desktop, fitting an Amiga 1200 to a tower could become a real solution. Turn to page 68 for a full review of the MicroniK A1200 tower system. Amazingly, MicroniK even cater for the Amiga 600. This tiny Amiga can suddenly be turned into a very large and unrecognisable machine.

To the max

Maxon Computer GmbH are a German company that vigorously developed Amiga products even during the year of darkness while Commodore lay in ruins. Best known in the UK for their excellent *Cinema 4D* rendering package (92% CU Amiga Magazine November 1995). We were shown evidence of continuing development on this package including details of some of the features to be included in the 1996 3.0 release. The most noteworthy being the addition of *LightWave*-sque 'lens-flares'. The famous Amiga animator, Tobias Richter was drawing large crowds by showing what could be done with Cinema 4D. However, Maxon aren't just content with the rendering market. They had a multitude of other exciting products on offer too.

Programmers were well catered for with *MaxonASM 1.1, MaxonPASCAL 3, MaxonBASIC 3* and *MaxonC++*. On the video front they have the MagicLink 3D object converter (spawned out of Castilian from the *Cinema4D* package). Add ons for the Cinema 4D package were also in abundance with *MaxonCinemaFont* providing amazing 3D fonts for *Cinema4D*. *MaxonCinemaWorld* contains a whole bunch of landscapes to build realistic 3D scenarios. Unfortunately Maxon are not currently translating any of these goodies into English at the moment, but you'd never know know what a bit of encouragement will do. Contact them at Maxon Computer GmbH, Industriestr. 26, 65760 Echborn, Germany

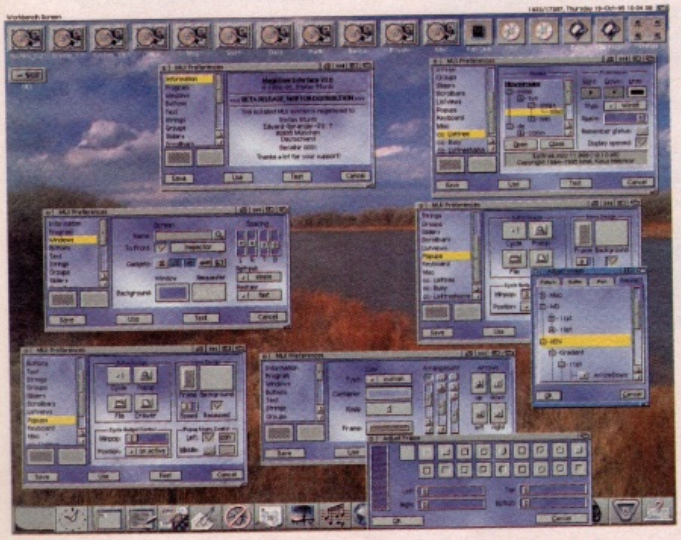
▲ The innards of a DraCo. One of a new breed of supercomputer based on Amiga.

MUI 3.0 push

The first thing we noticed at the show was the profusion of posters stuck on nearly every structure advertising MUI 3.0 for 40 Deutch Marks. Given the performance increase that MUI 3.0 has promised over the earlier 2.3, it's little wonder that the German company distributing it was inundated with takers. Turn to page 82 for a full review of MUI 3.0. In fact, just before going to press, the author Stefan Stuntz released the public unregistered shareware version on the public domain which is actually at version 3.1. Internet users can find it on the Amiga in the path dev/gui/mui31usr.lha. Otherwise call your favourite PD house and ask for MUI 3.

Supercomputer

Macrosystem GmbH are a German company dissatisfied with the performance of high end Amigas so they decided to build their own. They have created the DraCo, an Amiga clone capable of running Amiga applications under AmigaOS but without a single Amiga custom chip in sight! The heart of the machine is a CPU card with either a 68040 or 68060 mounted, depending on the machine purchased. This card also holds the Amiga Kickstart ROMs plus the floppy and hard drive interfaces. The graphics are handled by one of Macrosystem's other developments, the Retina. However, it's connected to the CPU board with a custom memory bus which is much faster than even the mighty Zorro III. Sound is handled by the 16-bit Toccata card. All of this providing a far higher specification Amiga than the A4000, at a better price.



▲ We picked up our review copy of MUI 3.0 at Cologne. See the review on page 82 for more details.

The DraCo 68040 33Mhz costs around the £2000 mark while the 50Mhz 68060 version with 4MB of Video RAM and a CD-ROM costs about £2750. An Amiga 4000T costs £2500.

Macrosystems showed the DraCo running with a new version of *XiPaint* which was painting 24-bit realistic air brush effects without even a hint of a slow down. Also *Final Writer* and *WordWorth* and even Maxon's *Cinema 4D* were shown to operate perfectly at speeds not possible with any current model of real Amiga.

Jörg Sprave, Macrosystems' general manager, took time out to tell us what his thoughts were on Amiga Technologies move to PowerPC technology. His opinion was that Motorola had not delivered the goods when it came to orders of 68060 and also referred to chip shortages which affect even 68040 supplies. He went on to say that he didn't think it was a good idea to reward such a company with future business in light of the way they had treated the Amiga market.

Macrosystems are known to favour the awesome DEC Alpha RISC chip which is targeted for inclusion in their DraCo machines early in 1996. When quizzed about this, Mr Sprave pointed out that the DEC Alpha is faster, cheaper and available in quantity whereas the PowerPC range is not. Macrosystems illustrate the difference of opinions on the way the Amiga market has to go. Those who primarily want to shift a lot of low-end machines would agree that the PowerPC is the way to go, while those who are involved in the high-end professional graphics trade, of which the Amiga has always been traditionally entrenched, need levels of CPU performance even greater than the PowerPC can deliver.

Storm in a C-cup

Oddly present on Amiga Technologies stand, were a group of people who had created a new Amiga C/C++ compiler. Whilst a new language in itself isn't too interesting, the problem is that the premier package used by most Amiga developers to program their products has been SAS C. But **SAS** were quick to drop support for the Amiga shortly after Commodore's demise. Rumours continue to circulate about their possible re-entry into the market but in their absence there's been considerable interest in the Storm C package as a successor.

Some of the features of Storm C include resource tracking, text editor with syntax highlighting and an integrated (to the editor) debugger. The project management system is also said to be first rate. We'll keep you posted as soon as we have further information about an English version. Expect a review soon. ■

▲ David Link (right) of HiSoft was very excited about his Squirrel/MPEG device. So were the public.

▲ A well known journalist (me) talks business with a well known German peripherals developer.

Having Trouble with Amiga-E?

Last month's disk instructions for the Amiga E package, suffered some formatting errors with the DOS commands to install Amiga E on hard drive. The instructions on page 11 should read:

```
Copy  Amiga_E_v3.1i:#?  DH1:AmigaE ALL
Rename  DH1:AmigaE/C  DH1:AmigaE/Bin
Copy  Amiga_E_v3.1i_  Extras:#? DH1:AmigaE ALL
```

Further on;

```
Makedir  DH1:AmigaE/Modules
Copy  EModules:#?  DH1:AmigaE/Modules  ALL
Rename  DH1:AmigaE/Modules/Src  DH1:Amiga/Src
```

Later when dealing with the lines to insert into your user-startup sequence;

```
Assign  EModules:  DH1:AmigaE/Modules
Path  DH1:AmigaE/Bin  ADD
```

Finally, when compiling the HelloWorld Example;

```
CD  DH1:AmigaE/Src
EC  HelloWorld.e  HelloWorld
```

Please note that any occurrence of 'DH1:' should be replaced by the logical device name of your own hard drive where you are installing AmigaE. The person responsible for the formatting errors has been forced to drink a pint of chicken soup from the office drinks machine.

Music Wanted

Are you a musician trying to get your tracks released on vinyl? If so, then Martin Munn wants to hear from you. He's just set up a new label dedicated to releasing music created with the Amiga, initially duplicating on the DJ friendly 12" vinyl format. The first release on the label is the Alternative Reality EP which features four tracks ranging from jungle through to techno and ambient. The EP costs £5 including post and packing and is available from Martin Munn, 20 St Georges Buildings, Bourdon Street, London W1X 9JA. Any interested parties can also submit Amiga modules or tapes to the same address.

More Imagine

Need more objects for this month's *Imagine 3.0* cover disk? Kryonix Design have just released a collection of objects and brush maps for *Imagine 3.0*, based around a theme of dinosaurs and insects. The ten-disk set costs £24.99 and is available from Kryonix Design, 6 Kingsnorth Gardens, Folkestone, Kent CT20 2QW. See the review in the next issue of CU Amiga for more details.

Show Postponed

World Of Amiga, originally scheduled for December then, as advertised last month, moved to January has been revised again. To coincide with the launch of new products from both AT and other producers the new show is now planned for March. More details as they arrive.

Who's Girlfriend?

As reported last month David Pleasance has teamed up with a group of music makers to make an Amiga related CD of original music. Although the CD contains real guitars and synths it was sequenced and tracked on an Amiga 4000 and the songs, especially those written by David himself, are Amiga themed. For more details contact David Pleasance at Tangent Music on 0181 573 5614. The CD costs £11.99 (plus £1.49 P&P in the UK) and should be available in time for Christmas.

EMERALD Creative Technology

AMIGA HARDWARE

Disk Drives

A500 Internal Floppy Drive	£35.95
A600 & A1200 Internal Floppy Drive	£38.95
2.5" 340Mb Internal IDE Hard drive for A1200 and A600	£174.95
2.5" 510Mb Internal IDE Hard drive for A1200 and A600	£249.95
2.5" IDE Cable	£8.95

All Hard Drives Come With Installation Software

Ram Cards

A500 with 0.5Mb	£14.95
A500+ with 1Mb	£19.95
A600 with 1Mb	£24.95
A600 with 1Mb & clock	£32.95
A1200 unpopulated	£59.95
A1200 with 2Mb	£129.95
A1200 with 4Mb	£179.95
A1200 with 8Mb	£299.95

Video

Squirrel SCSI interface	£59.95
Pro Grab 24RT+ SVHS	£125.95
Rendale 8802 Genlock	£159.95
Rendale 9402 SVHS	£279.95
Vidi Amiga 12 AGA	£64.95
Vidi 24 RT	£144.95
Vidi 24 Pro RT	£209.95

Modems

X-Link 14.4k Fax & Data Modem	£129.95
X-Link 28.8k Fax & Data Modem	£232.95
X-Link 14.4k Modem with GP Fax	£169.95
X-Link 28.8k Modem with GP Fax	£272.95

All Modems Are BT Approved

Other

Tabby Graphics Tablet	£57.95

NOW WITH FREE CHAOS ENGINE CD !

Quad Speed CD Rom Drives at a new lower price !

Our high quality, high spec, external multi session SCSI drives come with audio in and out ports, Squirrel SCSI interface, software and CD32 emulation, and a 12 months warranty.

Quad Speed CD Drive £269.95

CD ROMS

Amiga Tool Set CD	£39.95
Amiga Tools 2 CD	£29.95
Arcade Classics CD	£9.95
Aminet 1-4 4 CD pack	£24.95
Aminet 7 CD New	£14.95
Aminet 6 CD	£14.95
Da Capo CD	£27.95
Desktop Video CD	£13.95
Essential Utilities vol 1 CD	£8.95
Fresh Fonts 1 CD	£19.95
Fresh Fonts 2 CD	£19.95
Frozen Fish CD	£29.95
Gateway vol 1 CD	£9.95
Giga Graphics CD 4 pack	£38.95
Goldfish 1 CD	£29.95
Goldfish 2 CD	£29.95
Grolier Encyclopedia CD	£28.95
GFX Sensation CD	£18.95
Light Rom 1 CD	£42.95
Light Rom 2 CD	£42.95
Lightworks by Tobias Richter CD	£29.95
Meeting Pearls CD	£9.95
Makin' Music CD New	£24.95
Multimedia Toolkit CD	£27.95
Speccy Sensation 2 CD New	£18.95
Star Trek Multimedia CD	£26.95
Ten on Ten CD New	£39.95
World of Clipart Double CD	£16.95

CD32 Special Offers

Chaos Engine CD	£7.95
Fire & Ice CD	£9.95
Sensible Soccer CD	£9.95
Gamers Delight CD	£14.95

HOME & OFFICE

WP & DTP

Final Writer 4 New Version	£69.95
Final Copy 2	£47.95
Mini Office	£37.95
Pen Pal	£29.00
Wordworth 3.1SE	£44.95
Wordworth 3.1	£79.95

Databases

Digita Datastore	£45.95
Digita Organiser	£39.95
Final Data	£39.95
GB Route Plus	£31.95
Mailshot Plus	£35.95
Music Librarian	£22.95
Powerbase	£16.95
Plants For All Seasons	£22.95
Twist 2	£89.95

Spreadsheets

Final Calc	£95.95
Turbocalc 2	£49.95

Finance

Cashbook Combo	£59.99
Counting House	£49.95
Digita Home Office	£39.95
Money Matters	£34.99
Personal Finance Manager +	£19.95
System 3E	£49.99

Special Offer...
Purchase Powerbase & Turbocalc II together for just £59.95 !

DESKTOP MUSIC & VIDEO

Video Titling

Big Alternative Scroller 2	£49.95
Scala HT100	£49.95
Scala MM211	£94.95
Scala MM400	£249.95
Scala Echo EE100	£139.95
Scala MM400+EE100 Save £40 !	£349.95

Samplers

Aura 12 bit Sampler	£79.95
Megalosound Sampler	£23.95
Technosound Turbo 2 Pro New	£25.95

Sequencers

Bars&Pipes Pro v2.5	£199.95
B&P Upgrade - v2 to v2.5	£79.95
B&P Upgrade - coverdisk to v2.5	£149.95
B&P Internal Sounds Kit	£24.99
B&P Peformance Tools Kit	£29.99
B&P Power Tools Kit	£29.99
Music X 2	£49.95
PatchMeister Patch Librarian	£79.95
SuperJAM! 1.1+	£59.95

Hardware

Pro Midi Interface	£19.95
SyncPro SMPTE Box	£151.95
Triple Play Plus 48 channel MIDI	£159.95

Little Gem Micro

The new Little Gem Micro Mixer ! This 2 channel, stereo mixer features independent Hi and Lo EQ, panning, and volume for each channel. Because Little Gem will greatly enhance all your sound input and output - samples, Mod files, even games - it's ideal for video and music, and it's only £66.95 !

GRAPHICS

Imagine 3
Rolling Upgrade program
Includes Imagine 3.1 to 4 !
You must have Imagine 3 to qualify.
3.1 - 3.3 in stock now.
£99.95

Painting

Brilliance 2	£45.95
DPaint 5	£59.95
Personal Paint 6.4 New Version	£49.95
Photogenics	£49.95
Pro Vector 3 New	£174.95
TV Paint 3	£329.95

3D & Rendering

Essence vol 1 + Forge	£79.95
Essence vol 2 + Forge	£79.95
Imagine 3.0	£99.95
Makepath for Vista	£9.95
Makes fly throughs with Vista Pro or Lite	
Maxxon Cinema 4D	£179.95
Powerful new rendering package	
Pixel 3D Pro II	£94
Real 3D v3	£319
Real 3D 2.4 to 3 upgrade	£166
Terraform for Vista	£9
Vista Pro 3.0	£27
Vista Lite	£24

Image Processing

Art Department Professional v2.5	£139
DataChrome New	£29
Adds JPEG and many other Datatypes	
Epson GT6500 Scanner Software	£89
Image FX 2 (AF 95% !!!)	£189
Morph Plus	£89

CAD

X-CAD 2000	£22
X-CAD 3000	£119

VRL BUNDLE PACKS
Vista Pro or Lite ,Distant Suns, Makepath + Terraform now £54.9
Vista Pro or Lite, Makepath + Terraform £35.95

UTILITIES

Emulators

Ever wanted to run PC software on your Amiga ? Now you can with PC Task 3.1. Emulates a 286 PC so you can even run Windows 3.1 ! A full featured PC Emulator for just £59.95.

PC Task 3.1	£59.95
PC Task 2 to 3.1 Upgrade	£34.95
PC Task PD to 3.1 Upgrade	£44.95

When upgrading PC Task, please enclose your original disks

Software Development

Dice C Compiler	£98.95
DevPac 3	£51.95
Gamesmith	£84.95
Hisoft BASIC 2	£54.95
Hisoft Pascal	£74.95
Intos	£2

Disk Utilities

AmiBack	£2
AmiFileSafe User	£2
AmiFileSafe Pro	£6
CD Write New	£4
DirWork 2	£2
Directory Opus 5	£4
Disk Expander	£2
Gigamem	£4
Infonexus 2(Infonexus + Datanexus) New	£
Video Back-up System Phono	£5
Video Back-up System Scart	£5
XCopy Pro	£1

Communications

GP Fax	£4
Termite	£3

Miscellaneous

Maxxon Magic	£2
Studio II Print Manager New	£4

BOOKS & VIDEOS

Books

A1200 Insider Guide	£12.95
A1200 Next Steps	£12.95
Amiga Basic - A Dabhand Guide	£17.95
Amiga Disks & Drives Insider Guide	£12.95
Amiga Total! Workbench New	£19.95
Amiga Total! Dos New	£21.95
Amiga Total! Assembler New	£21.95
Amiga Total! Beginners New	£19.95
Assembler Insider Guide	£13.95
Imagine Hints & Tips	£7.95
Mastering Amiga Programming Secrets	£19.95
Mastering Amiga Arexx	£17.95
Mastering Amiga Printers	£17.95
Mastering Amiga Dos 3.0 Reference	£
Mastering Amiga Dos 2 Vol2	£
Mastering Amiga Dos Scripts	£
Secrets of Frontier Elite	£
Secrets of Sim City 2000	£
UK Comms	£
Workbench 3 A-Z Insider Guide	£

Book & Video Packs

A1200 Beginner's Pack	£
Workbench 3 Booster Pack	£

Videos

Intro to the A1200 - Tutorial	£
Intro to the A1200 - A Deeper Look	£

EDUCATION

ADI GCSE Maths	£19.99
ADI GCSE English	£19.99
ADI GCSE French	£19.99
ADI Junior Reading	£15.99
ADI Junior Counting	£15.99
Merlin's Maths	£
Paint and Create	£
Spelling Fair	£
Noddy's Playtime	£
Noddy's Big Adventure	£

HOW TO ORDER

When ordering, please don't forget to include the carriage charges ! Charges within the UK are £3.50 for first class post (which usually arrives the next day). Orders over £100 are sent by registered post at a cost of £4.50. Next-day courier service, within the UK mainland and subject to availability, is £6.00. All hardware is sent by Next Day Courier. Please ask for overseas pricing, and pricing for islands & Scottish Highlands. You can pay by :

Credit Card : Visa, Mastercard, Access, Delta, Switch and American Express. We only bill your card when we despatch the order, not before.

Cheque : Please make cheques payable to Creative Technology Ltd.

All pricing includes VAT but not carriage. We reserve the change prices - you will be informed of any change when you Faulty goods will be replaced or repaired if returned within of purchase. We will refund if we can't repair the goods responsibility of the customer to check for compatibility of their product with existing equipment before buying E&OE

VISA MasterCard

Now open Saturday 10am to 4pm & Sunday from 12pm to 4p

Emerald Creative Technology Ltd
Rapid House, 54 Wandle Bank
London SW19 1DW
Tel : 0181-715 8866 Fax : 0181-715 8877
eMail : EmeraldCT@eWorld.com

Call Our Sales Hotline On
0181-715 8866

Matt Broughton's

Games in view

More companies arriving! More companies leaving! Gosh, isn't the Amiga games scene just full of surprises.

Gametek are back on the scene, and following the alleged recent release of **Super Street Fighter 2 Turbo**, will be shortly gracing the shelves with their space epic, **Star Crusader**. Due for release at the end of the month (retailing at £24.99) this space drama comes on no less than 12 disks, but as Gametek's top fella Adrian Cale says ... "it's really a PC game that we've managed to bring to the Amiga. I'm sure Amiga owners will appreciate the opportunity to play a game of this calibre, and hopefully most Amiga users will have invested in hard drives by now. Once they install *Star Crusader*, it's a treat." Well quite.

Another release from the Gametekers is a bit of a blast from the past. **Evolution** (a game I remember going to see and preview some TWO YEARS ago!) is a 'prehistoric platformer' from the makers of old Amiga favourite, **Humans**. A clever combination of **Humans, Lost Vikings, Troddlers, Lemmings**, and, er ... well you know, those sort of puzzle/platform games, **Evolution** will appear on A1200 and CD32 around February of next year. There will be no apparent differences between the two versions, apart from perhaps some enhanced music for CD owners.

As far as future Amiga products go from Gametek, they're very much dependent upon how Amiga Technologies manage the sales and marketing around Christmas. Adrian Cale says that, while Gametek aren't taking on any more Amiga projects, should Christmas sales look positive, and if Amiga Technologies get enough old Amiga users back on the scene, there are titles out there to be picked up and they'll be looking to become involved positively. "It seems as though the Amiga is always a victim." reckons Cale, "Where the Amiga originally suffered from too many conversions brought up from the Commodore 64, it's now plagued by PC software that's been hacked down to fit in. If you want the Amiga to succeed, you need REAL Amiga games such as the likes of **Evolution** and **Worms** (credit where credit's due)." Wise words indeed, mate.

▲ New boys Intersect Development's Atrophy should be with us very soon. Expect to see a review next month.

Freestyle, the development team behind **US Gold**'s Super **Street Fighter 2**, reckon that, even though the CD32 version should have been around about eight months ago (!) it should finally be surfacing any time now. The bad news is that they won't be looking to produce any more Amiga games. Another sad loss ...

Still, it's not all doom and gloom, **Intercept Development** are a new outfit with an absolute truck-load of excellent-looking games on their way. With only two bodies in charge, Trevor Mensah and Frank Tout, this company have actually been working on an Amiga games engine for some four years, but the first games utilising this technique are only just surfacing now. **Atrophy** is the first in the list, featuring hi-res graphics, fifty frames a second for animation, and quarter pixel scrolling all over the place. The team have only held on as long as they have because they didn't want to release 'run of the mill' software, and now that the initial four years work has been done (er... is there still a market?!) they reckon that each project should be able to complete in around six months. Expect **Atrophy** around Christmas.

Alternate Futures will be the next game after that, featuring **Flashback**-like platform japery, complete with all the hi-res cleverness that the company hope will become their trademark. The eight-way scrolling product should be surfacing at some point in the middle of next year.

Another release for next year will be the interestingly named **Dominions 1: The Chthonion** (which, apparently, is not a spelling mistake but a demonic creature based on some nasty lump thought up by that strange author, Lovecraft). A point 'n' click adventure featuring those naughty hi-res graphics again, along with 256 colours and (hopefully) rendered graphics. Intercept are boasting some top musical work with all their products (which, incidentally, will all be AGA).

And, just to finish things off nicely in a 'what goes around comes around' sort of way, the last game to be mentioned by Frank is called **RALF** (Rapid Action Lone Force) and is based on the classic game from the CBM 64 and Spectrum years, Green Beret. Expect more around April of 1996.

And finally (no, not some 'amusing' story about the Queen Mum) Empire Interactive have just announced a brilliant new compilation pack called **Soccer Starts '96**. It's a pot pourri of footballing fun (good sales pitch that, eh?) containing **FIFA International Soccer, Kick Off 3 - European Challenge, On The Ball,** and **Premier Manager 3**. All of these will cost you a piffling £34.99, which, as far as I'm concerned, is damn good value for money. Look out for it in the shops soon.

And that's that! Why not put the kettle on and brew up a cuppa while you enjoy the HMV charts. Be seeing you ...■

Matt Broughton

▲ Why are we waiting, why are we waiting? Super Street Fighter 2 Turbo wherefore art thou?

HMV CHART...
Amiga Top Games

No	TITLE	PUBLISHER
1	Worms	Ocean
2	Alien Breed 3D	Ocean
3	Sensible World of Soccer	Virgin
4	Player Manager 2	Virgin
5	Super Skidmarks	Guildhall
6	Lion King	Virgin
7	Monkey Island 2: Le Chuck	US Gold
8	Exile	Guildhall
9	Beau Jolly Compilation	Beau Jolly
10	Dungeon Master 2	Interplay

Explore the Wonder of your new Amiga with these Wizard packages from HiSoft Systems

The Amazing Surf Squirrel Interface

£99.95

The powerful Surf Squirrel™ interface is the cutting edge technology for easy A1200 expansion. Providing a high performance SCSI-2 interface, Surf Squirrel permits easy addition of up to 7 SCSI peripherals, such as a hard disk, a Zip™ drive or a CD-ROM to your A1200; Squirrel is also the only SCSI expansion that is hot plug and unplug, requires no opening of your Amiga, no technical knowledge and does not invalidate your warranty!

But that's not all, Surf Squirrel also has a fully buffered, high speed serial port that is capable of performing up to 600% faster than the A1200's serial port, so Surf Squirrel gets the most out of your modem and your A1200 to make high speed file download, with multi-tasking, a reality not a possibility.

The package comprises the Surf Squirrel Interface, SCSI drivers, CD32/CDTV emulator, serial drivers, and an extensive, fully illustrated, user manual. Here are just a few of the reasons why the Surf Squirrel SCSI Interface is ideal expansion peripheral for your A1200:

- ★ High performance (3Mb/s) SCSI 2 hardware for easy expansion; supports up to seven SCSI devices.
- ★ No technical knowledge required, easy-to-use setup program included.
- ★ Compatible with any SCSI-1 and SCSI-2 peripherals.
- ★ Autobooting - boot from an external hard disk.
- ★ Hot plug and unplug - no need to power off to remove the interface.
- ★ All software drivers required for the connection of CD-ROMs or hard drives included.
- ★ Includes a full CD32/CDTV emulator for use with a SCSI CD-ROM drive.
- ★ Fits externally - doesn't invalidate your A1200 warranty.
- ★ High performance, fully buffered serial port to give reliable data transfer at up to 230400 bps - dramatically reduces the time spent on the phone and your phone bills.
- ★ Industry standard 9 pin serial socket for easy modem connection.
- ★ Serial port is compatible with all comms, networking, and serial hardware.

The Fabulous Squirrel Surf Packs

Surfing Starter Pack
£199
plus P&P

Surfing Super Pack
£299
plus P&P

MAKING THE CONNECTION

EMAIL • NEWS • WEB • FTP
GOPHER • TCP/IP • USENET

Start surfing with one of HiSoft System's Surf Packs. Designed for both the beginner and expert alike, the Squirrel Surf packs include all software, hardware and documentation to get you quickly, and easily, onto the information super highway.

Surfing Starter Pack

- ★ V32 Modem, capable of speeds up to 14,400 bps.
- ★ Surf Squirrel interface.
- ★ Termite communications software - powerful yet easy-to-use, perfect for BBS and CIX access.
- ★ Free CIX registration (worth £29).
- ★ Simple installation.

Surfing Super Pack

- ★ V34 Modem, capable of speeds up to 28.800 bps.
- ★ Surf Squirrel interface.
- ★ Termite software.
- ★ Free CIX registration (worth £29).
- ★ All the tools you need for internet cruising, ready-to-go, no set-up.
- ★ Simple installation.

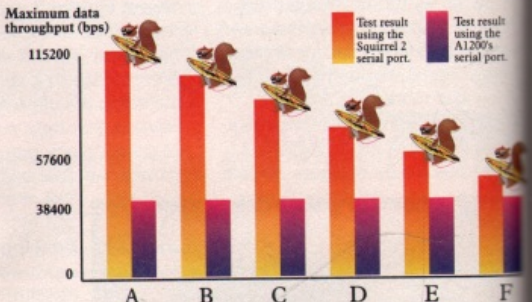
£189
inc 100Mb cartridge, extra cartridges from £12.90

zip drive 100 scsi

The hard drive for the multimedia age

Possibly the most exciting piece of hardware to be released in 1995, the Zip™ drive represents the ultimate in value for money removeable storage. Using 100Mb cartridges, the Zip drive offers exceptional performance, giving a data transfer of 1Mb/s and an access time of 28ms. The Zip drive includes a complete set of utilities, in the form of HiSoft Amiga Zip tools, for use with your Zip drive.

How much faster is the Surf Squirrel?



Bars A,B and C are the maximum transfer rates obtained when downloading an ASCII, Database and Graphic file respectively, using a V34/VFC modem. Bars E,F and G are the maximum transfer rates obtained when downloading an ASCII, Database and Graphic file respectively, using a V32bis modem.

only £225

The SuperValue CD-ROM Pack

HiSoft has done it again with a brilliant multimedia pack of the original Squirrel SCSI interface (not Surf Squirrel), Aiwa ACD-300 CD-ROM and the Almathera 10-on-10 pack of CDs! Just look at what you get:

- ★ *The Almathera 10-on-10 pack of CDs; this is 10 CDs including the Team Yankee game, 2000 clip-art images, the Illustrated Works of Shakespeare, a Comms, Internet & Networking CD, The World Vista Atlas, 1000s of fonts, a complete photo library and much, much more!*
- ★ *The amazing, trend-setting Squirrel SCSI interface which allows up to 7 peripherals (hard drive, CD-ROM, Zip, scanner etc.) to be daisy-chained together.*
- ★ *CD32 and CDTV emulation software so that you can all those games and other titles such as Video Creator.*
- ★ *The great-looking Aiwa ACD-300 CD-ROM drive; a fast, double-speed CD-ROM with full SCSI specification plus complete audio controls on the front so that you can play music CDs directly. Plus an informative LCD panel.*

Offer extended until 30 Nov 1995

All this, packaged together, at a truly superb price, with full 1 year warranty and technical support from HiSoft.

HiSoft SYSTEMS
The Old School, Greenfield
Bedford MK45 5DE UK
Tel: +44 (0) 1525 718181
Fax: +44 (0) 1525 713716

All prices include UK VAT. Shipping is £4 (3-4 day service) or £6 for Guaranteed Next Day (if goods in stock). Please call our freephone number 0500 223660 for more details or to order any title. E&OE.

Note that the original Squirrel interface (as opposed to the Surf Squirrel) does not include a serial port. © HiSoft 1995

Cinema4D™

Bringing you closer to virtual reality

£199

HiSoft Systems is proud to present Cinema4D - a new world of Amiga ray-tracing. Cinema4D is packed with power-user features that will satisfy even the most demanding users. Moreover, at £199 inc., Cinema4D does not carry a power-user price tag.

Cinema4D provides an easy-to-use multi-tasking editor replete with every conceivable option including window-based realtime interactive modelling, modelling directly in 3D, basic and complex primitives with uncountable variations, easy object manipulation, moveable tool, object and texture lists, definable object hierarchies, optimised versions for 68020 (A1200 etc.) & FPUs and much more!

The Cinema4D animator brings you even closer to the world of "virtual reality", breathing life into objects and scenes. It doesn't matter whether you want to have your spaceship dock with a new spacestation, or take a tour around the darkest dungeon - with Cinema4D it's so simple. With just a few mouse clicks you will have your objects move realistically through time and space.

Cinema4D runs on all Amigas with a minimum of 3MB RAM, and Kickstart 2 or higher. Cinema4D supports all Amiga and graphic card modes (HAM, HAM8, 24-bit,etc.) and recognised file formats (Imagine, Sculpt, DXF, Reflections, etc.).

The Marvellous Music Master Pack

only £49.95

If music be your food of love then play on with the new Music Master Pack from HiSoft Systems. Here is everything you need to experiment with sound, or control your favourite MIDI keyboard, or sample the latest dance sound (or the dog barking next door) or even sequence a complete song, all from the keys of your favourite computer. The Music Master Pack contains:

Aura 8 Sampler

- 8-bit direct-to-disk sound sampler plugs into your parallel port.
- Complete with extensive editing software.
- Vast range of special effects (both to sample & real-time) like flange, echo, tube, etc.

Aura Midi

- Full MIDI interface with MIDI-in, MIDI-out and MIDI-thru.
- Perfect for controlling MIDI keyboards, guitars, drum machines etc.
- Compatible with all MIDI software and hardware.

Sequencer One

- Complete MIDI sequencer. Accurate real-time recording and playback of MIDI instruments.
- Work with up to 32 tracks with 4 channel sample replay.
- Step editor screen for individual note editing and much more.

Perfect Programming

The HiSoft name has always been synonymous with high quality programming languages for the Amiga - offering a broad selection of languages for both the beginner and expert alike.

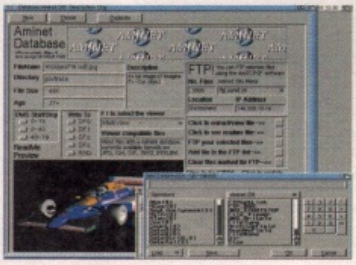
For starters, we have HiSoft Basic 2, ideal for anyone wanting to take their first steps in programming. Based on the industry standard Microsoft Quick Basic, HiSoft Basic 2 offers excellent cross-platform compatibility as well as full compatibility with the Amiga. Supplied with an extensive tutorial, HiSoft Basic 2 will get you writing your own programs quickly and easily. *Suggested Retail Price £79.95.*

For the main course, we have HighSpeed Pascal, a superb version of the popular Pascal language, offering astonishing performance and excellent compatibility with Turbo Pascal on the IBM-PC. HighSpeed Pascal includes all the tools essential for easy development including editor, debugger, compiler and manuals. *SRP £99.95.*

The dessert; for those who want to get to the Amiga's hardware, we have Devpac 3. Regarded by many as the industry-standard assembler, Devpac 3 gives you the ability to write ultra fast assembly programs for your Amiga. As with all of our programming systems, Devpac 3 is complete, including editor, debugging facilities, include files and a comprehensive manual. *Suggested Retail Price £79.95.*

The Dream Database

Twist 2



a screenshot of the fabulous Twist 2 Database

Twist 2, from HiSoft Systems, is the highly-acclaimed relational database for all WB2 Amigas (2Mb memory recommended). With a built-in Forms Designer, a beautiful user interface, simple-to-use relations, versatile sorting, reporting and searching features and speed that defies belief, Twist 2 is the only Amiga database that will grow with you.

Twist 2 is compatible with all Amiga running WB2 (or higher) and with 2MB, or more, of free RAM. A hard disk is recommended. *Only £99.95.*

Classic Squirrel

The original mould-breaking Squirrel SCSI interface is still available at the magical price of only £69.95. This interface is ideal for those who want to expand their Amiga fully but do not intend to surf the net. You should also note that we have a wide range of SCSI and IDE hard drives for your A1200.

Coming Soon...

Squirrel MPEG

The SCSI MPEG Player for your Amiga, Atari, Macintosh & IBM-PC Compatible

Bring the cinema into your home and onto your computer with the Squirrel MPEG decoder. Playing the popular VideoCD and CDI CD-ROMs, Squirrel MPEG brings high quality digitally-mastered images and 16-bit stereo sound to you and your Amiga. Now you can watch all your favourite films in superb, high-definition colour, again and again and again, with no loss of quality.

Squirrel MPEG is a SCSI peripheral that can be used in conjunction with any SCSI controller, such as the Squirrel, and any VideoCD compatible CD-ROM. Squirrel MPEG can also be used as a stand-alone unit as an addition to your TV, Video and Hi-Fi setup.

Available from late 1995 / early 1996, Squirrel MPEG is the latest in an established line of ground-breaking products, for you and your Amiga, from HiSoft Systems.

VISA Access

To Order

To order any HiSoft Systems' package, just phone 0500 223660, free of charge, armed with your credit/debit card. We will quote you a firm all-in price and the expected delivery time.

Imagine 3.0

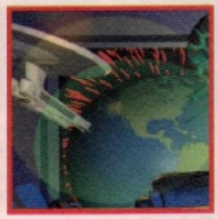
Make all things bright and beautiful this Christmas. Our spectacular cover disks contain the complete Imagine 3.0 program – one of the best 3D image rendering packages there is. Don't worry, you don't need to be a technical genius to create wonderful pictures with this complex program. Follow our examples over the next few pages and you'll be knocking out pictures 'till the cows come home. You couldn't have wished for a better Christmas present now, could you?

My! What Big Features You've Got?

▲ Many PostScript compatible fonts can be loaded into Imagine and turned into objects. The result is smooth lettering which you can then treat with textures and brushes like any other object.

There can be as many light sources in the scene as you require. Here there is a light source inside the lamp, as well as one to the front and another to the rear. All lamps can be made to cast shadows if required. ▶

▲ Objects can be given special textures which are generated internally, rather than given a brush map. These procedural textures look very smooth and can be finely controlled.



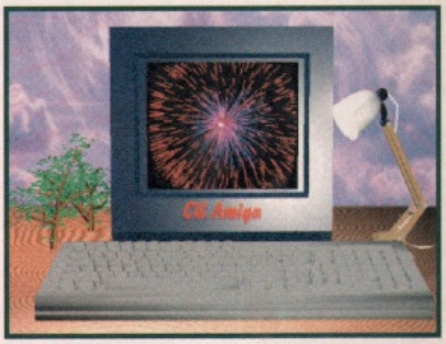
▲ Imagine 3 can add a lens flare effect to the image, as though the light sources were reflecting inside the imaginary camera used to 'photograph' the image.

▲ The various complex modelling tools available will allow you create realistic objects. If you can see it, you can be sure you can model it with Imagine 3.

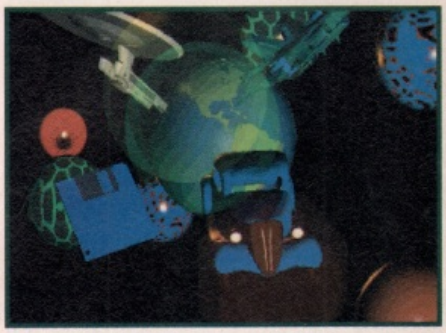
▲ The physical properties of objects can be adjusted to create translucent solids or highly reflective mirrors. You can combine these settings with texture and brushes to create almost anything.

5. The logo images was rendered with the final image from Step three as a background – which if you remember, used Step two as a background. Confused? You're lucky I didn't start putting the finished image back into re-renders of the finished image ...

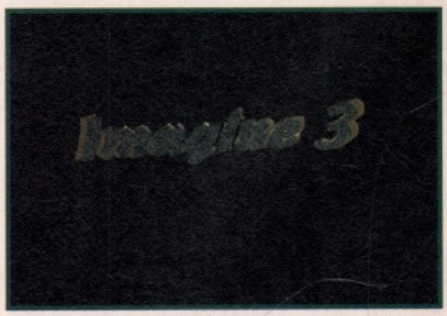
1. First we scanned in an image of some clouds. To make it more interesting, it was swirled around a little in an image processing program (Art Department, ImageFX or Photogenics would do) and saved to disk.



2. Some PD objects were placed in the Stage editor. The cloud background was added in the Action editor's Global menu. The finished render, 1024 by 1024 pixels, took 20 minutes to render on an A4000 with 20Mb of RAM.



3. More objects and a lens flare effect are added. The image created in step two was used as a background, and the image re-rendered to combine the two sets of objects. Combining them saved time and memory.

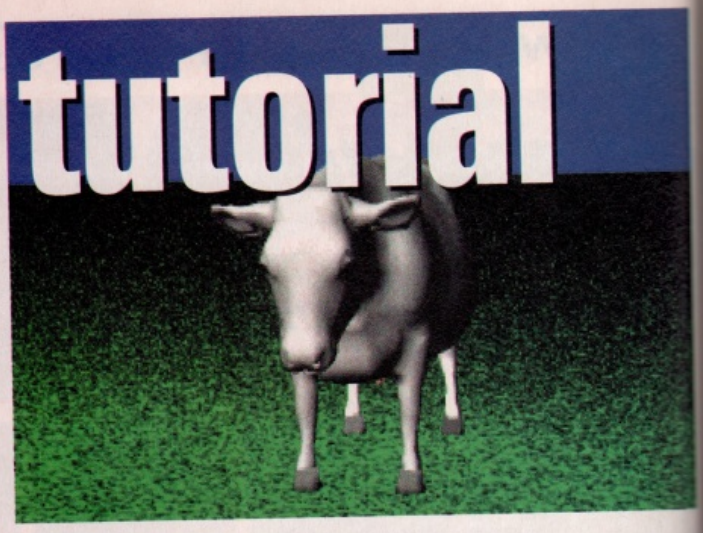


4. A logo was created using the Spline editor and a PostScript font. The logo object was given a texture and pasted over a copy which was made into a light source. Finally we're ready for the end result (see left).

Get Rendering!

Got the idea? Now turn the page for our step-by-step guide to rendering your first *Imagine 3* scene. You'll also find a reference guide to each of *Imagine 3*'s main sections on page 30.

A simple tutorial



Now you've seen what you can do with your Imagine 3 cover disk, why not try it out for out for yourself? Here's an easy to follow step-by-step tutorial for rendering your first Imagine 3 scene.

Imagine is such a powerful program, that you can't expect to jump straight in and start creating complicated masterpieces. There are many different editors, tools and options to get to grips with first. The good news is that you don't need to know everything to make pictures. You can render images which still look great even though you only know a tiny percentage of what is possible.

Creating images with *Imagine* can take a long time, and it makes a big difference if you have a fast Amiga with lots of memory. The basic rule is that you can never have too much RAM or a processor which goes too fast. In order to keep your rendering times to a minimum, stick to small resolutions such as 320 by 256 and Scanline rendering mode to start with.

Start here ...

1. When you load *Imagine* you will be left at the title screen. To start, you either need to load a project you made earlier, or create a new one from scratch. Select Project New. You will be prompted for a name so enter something sensible ...

2. You will now be at the Project Editor screen. This is where the image rendering is controlled from, however we haven't got anything to render yet. So there is little point hanging around here. Use the menu to go to the Detail Editor.

3. The Detail Editor looks a little dull to start with, but we can soon change that. From the Object menu, select Load and look in the directory called Objects. Swop disks if necessary. Select the object called Cow.

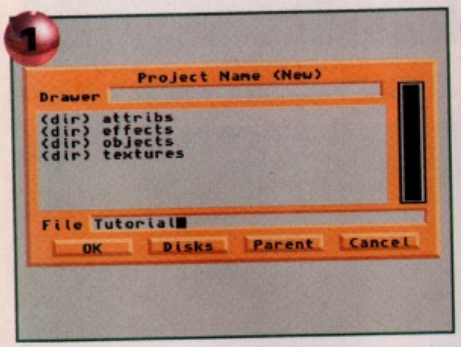
4. When it has loaded, you'll see a wireframe representation of a cow. Click on the A button to rotate the solid model and Z to Zoom in and out. The right mouse button also helps when rotating.

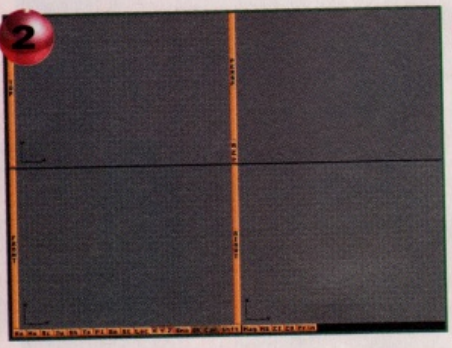
5. Now use the Quickrender option from the Project menu. The default settings will do fine, so click on OK. Quickrender will create a solid, rendered image of the wireframe model so you can see what it will look like when it's finished.

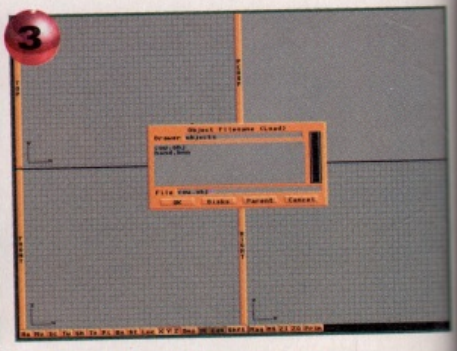
6. Let's start making a scene. Press F1 to highlight the Cow object (all objects must be highlighted before they can be changed) and select Delete from the Object menu. From the same menu, select Add and Ground. This is a quick way to create a useful solid surface. It doesn't look like much, though!

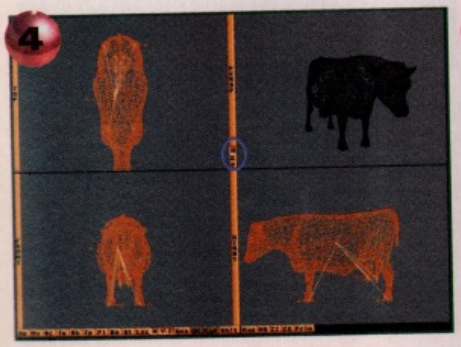
7. Highlight the ground (press F1) and then select Attributes from the Functions menu. You should end up with a display like this. This is how you can alter the appearance of objects by changing their colour or texture. You can also paste other IFF drawings onto them as 'brushes'.

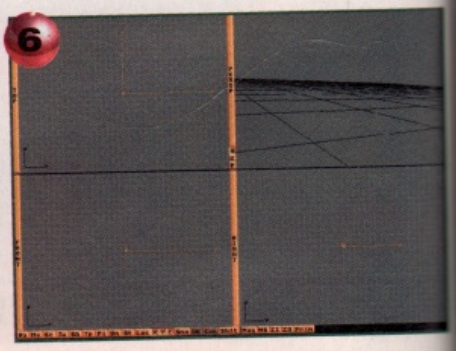
8. Click on the Colour button and adjust the sliders to make a nice grass green colour. The other parameters control how the object will react to light, for the moment the default settings will do. If you have a fast Amiga, try











adding a texture: click on the texture button, find the textures directory and load one such as 'crumpled'. The default settings will do nicely.

9. Save the object we have created to disk. Normally you should save all the objects associated with a particular project in the project directory. Every time you start a project a new directory is created.

10. Let's move to the Stage Editor. Use the Project menu to get there. This is where all the objects we have created and adjusted in the Detail editor are positioned and light sources are added. Load in the Cow and Ground objects from the Object/Load option. However, the Cow and Ground aren't quite in the right position. It may look fine in the perspective view, but change the mode from Wireframe to Solid in the Display menu and you will see the problem.

11. Highlight the ground. If the cow is highlighted instead, use the Find Requester from the Pick/Select menu and move it. To move it, click the P button and drag it with the mouse. Position it under the Cow then press the spacebar.

12. Before you can perform a Quick Render you will need to add a light source: use the Add / Lightsource option from the Object menu. Highlight the light and move it high above the scene. Press Right Amiga and I and Right Amiga and O to zoom In and Out so you can put the light at a suitable distance.

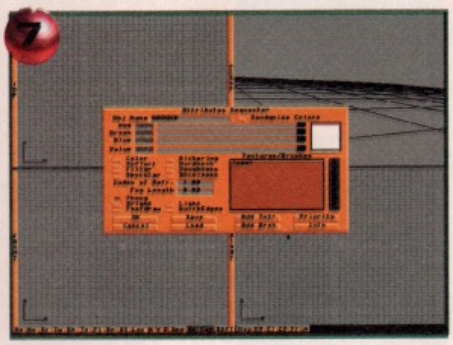
13. Now highlight the camera and move it back a bit. Select CameraView from the Display menu so you can 'see' what the camera is pointing at. To make it point at the Cow, press Right Amiga and K (for Track). You will need to enter the name of the cow object (which is actually 'HIDE' – use the Find Requestor option in Pick/Select to confirm this).

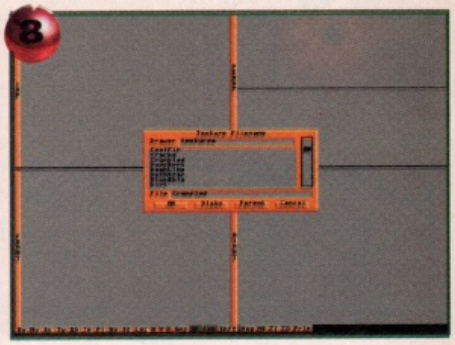
14. Select Save All Changes from the Project menu and move to the Action editor. This editor is mostly used during animation but there is an important requester here: the Globals Editor. Click on the red dot – the globals actor setting.

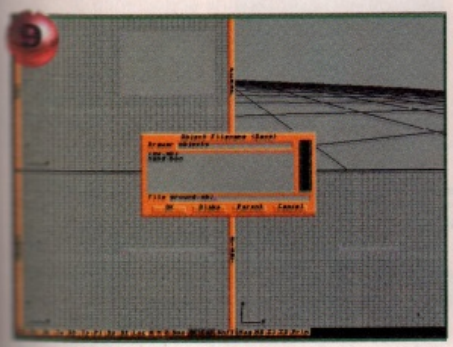
15. Copy the settings until they look like those in the diagram. This will add some extra lighting and a nice blue background. Save all changes and head for the Project Editor.

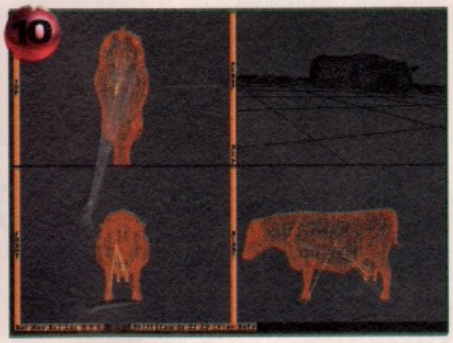
16. Before you can render an image you need to create a rendering sub-project, so click on New and enter a name. The default settings will do for now, although you may want to make the screen 256 lines high.

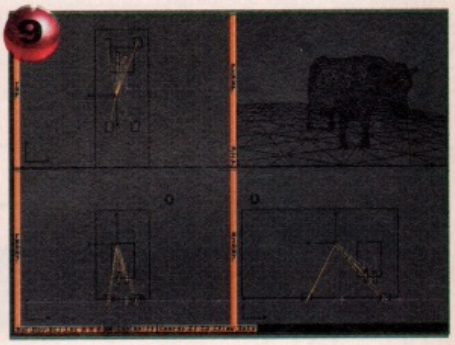
17. Highlight the '1' bar by clicking on it, and then click on Generate. When the palette requestor appears select the first option. After a few moments the render will have been completed and you can view your 3D Cow.

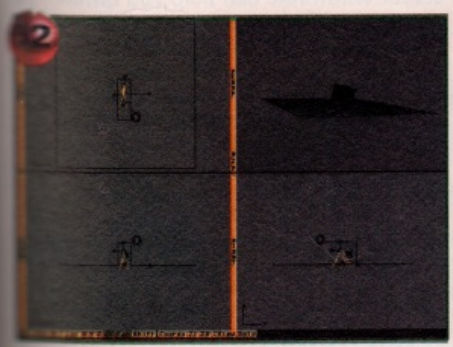


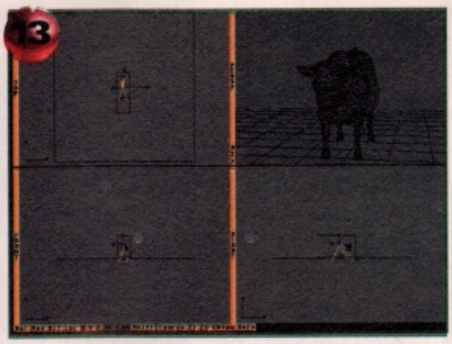


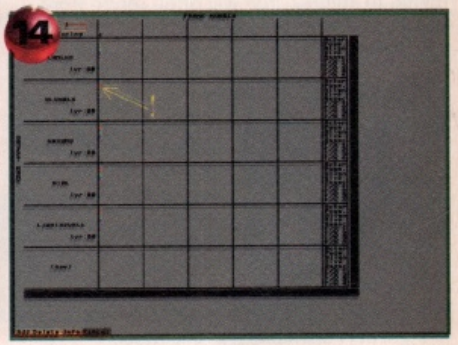


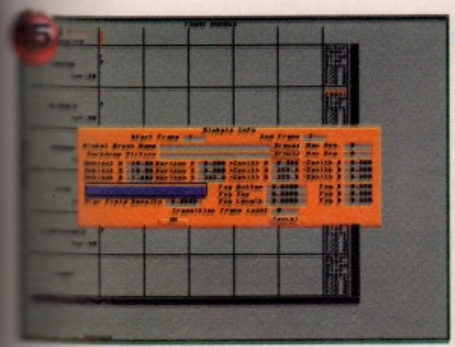


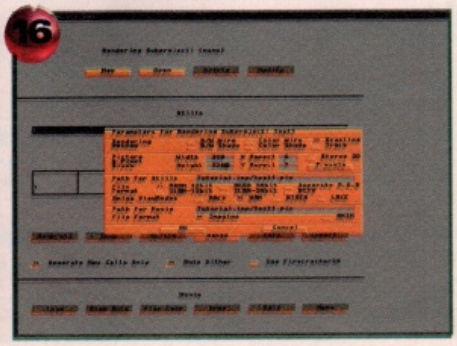








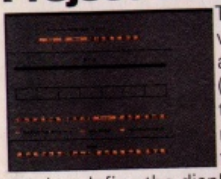




Program Sections

Imagine is organised into a set of editor screens. When constructing a scene or animation, you will use several different editors, swopping back and forwards between them. Each editor is used for a specific task and contains its own pull down menus and requesters. This approach means that only the essential controls are available: you won't be bombarded with options at every turn.

Project Editor



The Project Editor is where you initially create or load a project (the objects, stage settings and other information). This is also the editor which is used to define the display used for rendering, by opening a render sub-project. Each project can have many different render sub-projects: for example, you may want to create a wireframe animation as well as a full-colour scan line render.

Detail Editor

The Detail Editor is where you can manipulate existing objects, or create simple shapes from scratch. You can also assign textures, colours and brushmaps and perform various other fine-tuning to shapes. You will often return from the Stage Editor to the Detail Editor to adjust your objects.

Stage Editor

The Stage is where you position your objects. The Stage has an extra component: the camera. The camera is what 'sees' your objects and it is the camera view which will be rendered in the Project Editor. You will also add light sources and preview animations in this mode.

Action Editor

From the Action Editor you can control the number of frames in an animation (by default there is only one image). Each object has a set of attributes which are represented by a coloured horizontal line. For example, you can alter the size or position of an object and let it vary from frame to frame. The special Global object is used to define background images as well as star fields and effects such as fog.

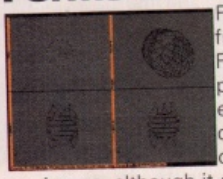
Spline Editor

The Spline Editor is used to create smoothly curved objects. It's most often used for dealing with Fonts: many PostScript fonts can be loaded and used. Before a Spline object can be used however, it must be converted into an ordinary Point-based object and saved. It can then be loaded in the Detail editor and give textures and so on.

Cycle Editor

Not one of the most used editors, the Cycle Editor is where animation properties local to an object can be defined. For example, you might want to create a Wrist Watch object and move it around the screen. The movement of the hands can be defined in the Cycle Editor, whereas the movement around the screen is defined in the Action and Stage editors.

Forms Editor



For creating objects from nothing, the Forms Editor is the place to be. It is especially good at creating symmetrical objects such as bottles or glasses, although it can also create objects by combining several cross-sectional views – great for making aeroplane or spaceship fuselages.

Preferences

From the Preferences screen you can control the appearance of Imagine (Do you want a grid in the Detail Editor? If so, how big? What colour?) and also fine tune the rendering settings to control anti-aliasing and other effects.

Going Into Render Mode

There are six different rendering modes. Make sure you use the most appropriate to your needs, or you will waste a lot of time waiting for lengthy projects to finish. You can choose the mode from the 'modify' button or by creating a new rendering sub-project. You can also alter the dimensions of your image, and the aspect ratio (the 'squareness' of the pixels).

B/W WIRE: The fastest and least impressive render mode: creates a monochrome outline, useful for quick tests of animations.

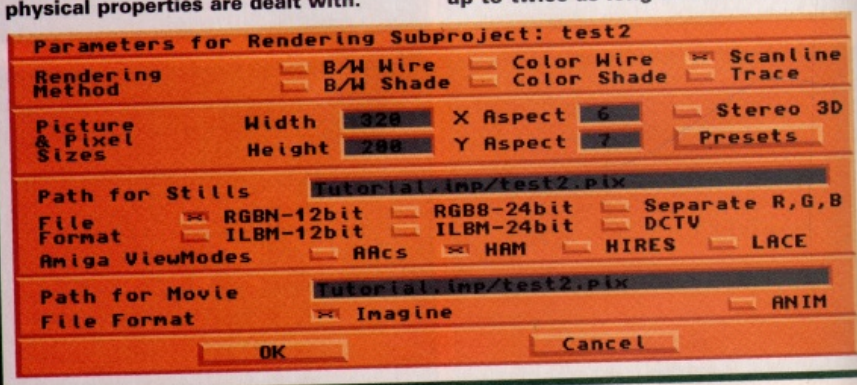
B/W SHADE: Adds shaded faces to objects. Very fast, as no textures or physical properties are dealt with. Very good for checking light positioning.

COLOUR WIRE: If there are a lot of objects on screen, this 256 colour wireframe can help you differentiate between them.

COLOUR SHADE: Creates a blocky, chunky 256 colour render which can actually be useful in certain situations. Much faster than the next two modes.

SCANLINE: This is the mode you will use most often. It creates images with texture, shading and other physical properties. Ideal for finished animations.

TRACE: If you are creating a detailed still life, and need shadows and refraction effects then use trace. It can take up to twice as long as scanline mode.



David Pleasance
Ex. MD of Commodore

"I am very proud to be an integral part of this exciting project. With many hundreds of hours of solid use the Amiga performed flawlessly, it's easy to understand why she really is Everybody's Girlfriend".

TANGENT MUSIC PRESENTS

"EVERYBODY'S GIRLFRIEND"

A CELEBRATION IN MUSIC OF TEN YEARS OF THE AMIGA

14 GREAT TRACKS

Inspired by Amiga. Recorded with Amiga.
Written and produced by Amiga people.
If you love Amiga you will love this!

LIVING ON THE BREAD LINE • I DON'T WANT TO LOSE YOU
PRISONER OF PASSION • ROSES • EVERBODY'S GIRLFRIEND BLUES
LAY DOWN YOUR ARMS • PARA MI AMIGA (HOMAGE TO JAY MINER)
DON'T LET ME FALL • GET IN QUICK • LAY YOU DOWN • INFINITY
CRAZY LIKE THE WIND • FIESTA AFTER THE SIESTA • FEELS LIKE DREAMIN

WIN A PIECE OF AMIGA HISTORY

In 1990 the Amiga 500 was awarded the prestigious accolade of "European Computer of the Year", you could win that actual computer plus the original certificate awarded to **Commodore**. A unique collectors item to cherish. All you have to do is call **0891-600315** and answer this question -**Who is regarded as the father of the Amiga?** (Read this advert for the answer) A winner will be selected at random and be notified by post. Calls cost **39p** per min cheap rate, **49p** per min all other times. Please ask bill payer's permission before dialing. The maximum call charge **£1.96.**

CREDIT CARD HOTLINE
0181 573 5614

SEND POSTAL ORDERS TO:
"Everybody's Girlfriend"
Tangent Music, Dial House, Unit 6,
Peter James Business Centre,
Pump Lane, Hayes, Middlesex UB3 3NT

COMPACT DISC .99
CASSETTE £10.99

Postage/packaging U.K **£1.49** Rest of the World **£1.99**
FILL IN COUPON. WITH CHEQUE/POSTAL ORDER PAYABLE TO **TANGENT MUSIC**

MAIL ORDER FORM
Please rush me ___ copies of "Everybody's Girlfriend"
One Compact Disc ☐ Cassette ☐ Allow 21days delivery
Name .....
Address .....
..... Postcode .....
Enclose cheque/postal Order for £

"HOW MUCH?"

The Problem: Eastenders or Street Fighter?
The Solution: A Dedicated Video Monitor.

Multisync Monitors £175!

Hard on copy. Soft on wallet.

Microtrade

Dept. CU, The Redwood Building, Leighton Road, Buttington, Welshpool SY21 8HE
Tel: 01938 556575/556623

Monitor specification: Phillips HCS35 Video monitor with speaker – compatible with **amiga, nes, snes, megadrive i/ii, atari st & composite video** (price includes video lead). **Printer specification:** Phillips NMS 1136 9-pin NLQ matric printer, Epson/IBM compatible, 120CPS draft, tractor/single sheet fed, supplied with lead. Note: all equipment advertised is secondhand-user and has been fully refurbished, tested and repackaged in our warehouse facility and carries a 90 DAY WARRANTY. Prices advertised do not include P&P:- please add for single item – **£15.00** Two items – **£19.50. Ordering:** please place orders by post ensuring that you specify item(s) required & your computer type. Cheques or postal orders only please, made out to "MICRO-T". Items subject to availability.

MAKES YOUR AMIGA MORE THAN
2 TIMES FASTER - 2.88 MIPS

MAGNUM RAM8

A1200 8MB RAM ACCELERATOR

PRICES FROM £59.99

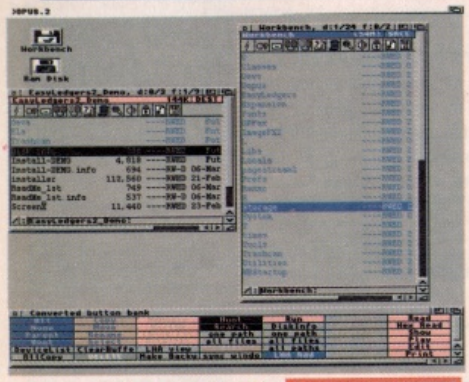
- AVAILABLE WITH 0, 2, 4, 8MB OF 32-BIT RAM INSTALLED
- USES STANDARD 72-PIN SIMMS
- OPTIONAL PLCC TYPE FPU (FLOATING POINT UNIT)
- BATTERY BACKED CLOCK/CALENDER
- INSTALLS IN MINUTES
- 0-4MB - PCMCIA COMPATIBLE (FOR USE WITH OVERDRIVE, SQUIRREL ETC.)
- ZERO WAITE STATE DESIGN
- 2 YEAR WARRANTY

	No FPU	33MHz FPU
0MB	£59.99	£99.9
2MB	£119.99	£159.
4MB	£179.99	£219.
8MB	£299.99	£339.

2 YEAR WARRANTY | MONEY BACK GUARANTEE | FREE UK DELIVERY

33MHz FPU

AN FPU DRAMATICALLY INCREASES THE SPEED OF MATHEMATICAL CALCULATIONS (BY UP TO 127 TI... AND WE WOULD RECOMMEND IT FOR USERS OF GRAPHICAL APPLICATIONS SUCH AS IMAGE FX, LIGHTW... VISTA PRO, IMAGINE ETC. OUR FPU PACK COMES WITH THE TIMING CRYSTAL AND IS COMPATIBLE W... MOST A1200 RAM/PROCESSOR ACCELERATORS SUCH AS OUR APOLLO/MAGNUM DESIGN, HA... BLIZZARD AND VIPER. IF BOUGHT INDEPENDENT OF OUR BOARD THE PRICE IS £44.



DIRECTORY OPUS 5

Advanced File Management Software for all Amigas

OVER THE PAST 6 YEARS, DIRECTORY OPUS HAS BECOME ESTABLISHED AS THE MOST POPULAR DIRECTORY UTILITY ON THE AMIGA. WITH THE NEW OPUS 5, THE TRADITION CONTINUES. SMALLER, FASTER AND MORE EFFICIENT THAN EVER BEFORE, OPUS 5 HARNESSES THE POWER OF OBJECT ORIENTATED MULTITASKING DESIGN LIKE NEVER BEFORE. PUT SIMPLY, OPUS 5 IS NOW THE MOST POWERFUL HARD DRIVE AND FILE MANAGEMENT UTILITY EVER!

- REDESIGNED AND REWRITTEN FROM GROUND UP. MUCH FASTER MORE EFFICIENT AND MANY NEW REVOLUTIONARY FEATURES.
- NEW INTERFACE WITH MORE MEANINGFUL CONTROL AND USEFUL POWER. AMIGA STYLE GUIDE COMPLIANT ENSURES CLEARER COMMUNICATION OF INFORMATION AND GREATER CONTROL.
- UNLIMITED NUMBER OF FULLY INDEPENDENT FILE DISPLAY WINDOWS AND BUTTON BANKS. BUTTONS CAN BE DEFINED FROM TEXT OR GRAPHICS.
- MULTIPLE CONFIGURATION EDITORS - WHICH CAN BE USED WHILST PERFORMING OTHER TASKS!
- INTERNAL MULTITASKING ALLOWING YOU TO PERFORM MULTIPLE OPERATIONS SIMULTANEOUSLY.
- AMIGAGUIDE ON-LINE HELP
- ADVANCED FILE TYPE RECOGNITION SYSTEM INCLUDING D... DATATYPE SUPPORT
- EXTENSIVE 'DRAG 'N' DROP' THROUGHOUT THE PROGRA...
- ADVANCED AREXX SUPPORT
- CAN EVEN REPLACE & ENHANCE WORKBENCH!

2 YEAR WARRANTY | FREE UK DELIVERY | VERSION 5.11 NOW SHIPPING CALL ABOUT UPDATES FROM 5.0 AND 4.

AMIGA GOLD FORMAT

£49.99
Workbench 2+ & Hard Disk Required

SATURN

External 1Mb Floppy Drive for all Amigas

- COMPATIBLE WITH ALL AMIGAS
- HIGH QUALITY SONY DRIVE
- ROBUST METAL CASE
- ANTI-CLICK AS STANDARD
- ENABLE/DISABLE SWITCH
- LOW POWER CONSUMPTION
- THRU PORT FOR EXTRA DRIVES
- 2 YEAR WARRANTY

FREE UK DELIVERY | 2 YEAR WARRANTY | MONEY BACK GUARANTEE

£49.99

TORNADO & X-LINK

High Speed BT Approved Modems for all Amigas

PRICES FROM £99.99

BT APPROVED

BOTH MODEMS HAVE THE FOLLOWING SPECIFICATION

- 14.4K OR 28.8K SPEEDS v34 (28.8K), v32bis, v32, v23, v22, v22bis, v21
- CABLE & SOFTWARE SUPPLIED (IB-COMM FOR AMIGA)
- AUTOMATIC FALLBACK & FORWARD FOR OPTIMUM LINE PERFORMANCE
- GP FAX SOFTWARE OPTION SEND AND RECEIVE FAXES FROM YOUR AMIGA
- BABT/BT APPROVED LEGALLY REQUIRED FOR USE ON A BT LINE
- MNP 2-5 & v42, v42bis
- SYNC & ASYNC OPERATION
- GROUP 1-3 FAX TO 14.4K
- FULLY HAYES COMPATIBLE
- LED FRONT PANEL DISPLAY
- 2 YEAR WARRANTY

	Modem Only	+
TORNADO 14.4K	£99.99	£1...
X-LINK 14.4K	£129.99	£1...
TORNADO 28.8K	£199.99	£2...
X-LINK 28.8K	£229.99	£2...

2 YEAR WARRANTY | MONEY BACK GUARANTEE | FREE UK DELIVERY

ENTERPRISE

DeskTop Workstations for all Amigas

AVAILABLE IN 3 SIZES

SINGLE WORKSTATION FOR A500/600/1200 £29.99

DOUBLE WORKSTATION FOR A500/600/1200 PLUS EXTRA SHELF £34.99

WIDE WORKSTATION WIDE UNIT FOR A500/600/1200 WITH ADDITIONAL SIDE PERIPHERALS (HARD DISK OR FLOPPY DRIVE) £34.99

2 YEAR WARRANTY

2 YEAR WARRANTY | MONEY BACK GUARANTEE | FREE UK DELIVERY

560 DPI 3 BUTTON MICE & MATS

for all Amigas & Atari STs

BEIGE £12.99

BLACK £14.99

MOUSE MAT £2.99 OR £1 IF BOUGHT WITH A MOUSE

2 YEAR WARRANTY

MONEY BACK GUARANTEE

FREE UK DELIVERY

NEW!

- ULTRA SMOOTH 560DPI
- AMIGA/ATARI ST SWITCHABLE
- MICRO SWITCHED BUTTONS
- 2 YEAR WARRANTY

ALL 3 BUTTONS CAN BE USED ON MANY PROGRAMS SUCH A OPUS 5

2 YEAR WARRANTY

£19.99

FREE UK DELIVERY

MONEY BACK GUARANTEE

NEW!

SOCCER MOUSE

for all Amigas

FOR ALL YOU FOOTBALL FANS, THIS IS THE IDEAL MOUSE FOR YOU!

- HIGH RESOLUTION 400DPI
- MICRO SWITCHED BUTTONS
- 2 YEAR WARRANTY

EASY LEDGERS 2

Intergrated Accounting Software for all Amigas

AMIGA GOLD

A new generation of Professional Accounting software for the Amiga. EasyLedger 2 has several key areas as follows.

Ledger - General Ledger with optional account numbers. Post receipts, payments and journal entries. Reports include journals, audit trail, trial balance & account histories. Cashbook, Profit & Loss Statement, Balance Sheet & Company Performance Ratios. Password to maintain privacy.

Sales - Use open item or balance forward methods. Invoice printing with automatic pricing, VAT calculation, discounts & totalling, manual overrides. Hand-written invoices, credits, receipts & journal adjustments. Produces statements, address labels, sales analysis, aged balance lists, etc. Fully integrated with Ledger & Inventory.

Purchase - Use open item balance forward accounting methods. Enter supplier invoices, credits, payments & journal adjustments. Produces remittances, address labels, aged balance lists, transaction histories, etc. Fully integrated with Ledger & Inventory.

Inventory - Stock Control & Price Book. Handles three price scales with auto price changing. Entry of stocktake results & goods in/out movements. Full integration with other books. Reports include price lists, re-ordering report, sales & valuation, movement history, etc.

Job Costing - For Estimating & Quotation. Suites a wide range of invoicing for service industries. Invoice the charges on a 'job card', Allows 32 different charging rates, Transfers goods directly from Inventory & fully integrated with Creditor and Ledger.

FOR A LIMITED PERIOD YOU CAN BUY EASY LEDGERS 2 AT THIS NEW LOW PRICE (was £199.99) 30 DAY TRIAL PERIOD - CALL FOR MORE DETAILS

£119.99

2Mb RAM & Hard Disk Required

IMAGE FX 2.1

The Complete Image Processing Solution for all Amigas

No other image processing package on the Amiga gives you everything you need, from precise colour correction tools to fantastic special effects that boggle the mind! Whether you are a print artist or a video magician, ImageFX is simply the fastest, the best, and the most complete image processing solution you will find on the Amiga.

FREE UK DELIVERY

System Performance

The easiest to use and most powerful interface, thumbnail image loader lets you see your image before loading it, built in Virtual Memory allows work on images nearly any size, unlimited multi-level true UNDO, thumbnail image previewing shows effect before using it, multiple image buffers and brushes, precise region controls can restrict work to just part of an image, unequalled Arexx support for macros and programming, user definable macro keys and menus, built in Macro/Arexx script recording, two powerful batch processing systems: IMP and AutoFX & visual thumbnail image cataloguing system.

AMIGA GOLD

£149.99

2Mb RAM & Hard Disk Required

GP FAX

Fax Software Solution for all Amigas with a Modem

SEND & RECEIVE FAXES FROM YOUR AMIGA VIA YOUR MODEM. YOU CAN EVEN PRINT FROM YOU FAVOURITE APPLICATION TO YOUR FAX DEVICE! AMIGA COMPUTING - 9/10

FREE UK DELIVERY

AMIGA GOLD

£44.99

Fax Compatible Modem Required

ALSO AVAILABLE

3½" - 2S/2D, HIGH QUALITY WITH COLOURED LABELS	£4.99
5¼" - 2S/2D, HIGH QUALITY WITH COLOURED LABELS	£19.99
512K RAM UPGRADE	£19.99
1MB RAM UPGRADE	£29.99
1MB RAM UPGRADE	£29.99

2 YEAR WARRANTY

FREE UK DELIVERY

MONEY BACK GUARANTEE

ORDER HOTLINE

01322-272908

BETWEEN 9AM AND 6PM, MONDAY TO FRIDAY, TO PAY BY CREDIT CARD. TO PAY BY CHEQUE OR POSTAL ORDER PLEASE RETURN THE ORDER FORM BELOW TO -

WIZARD DEVELOPMENTS, PO BOX 490, DARTFORD, KENT, DA1 2UH

Order Item	Price

Name _____

Address _____

_____

Post Code _____ Phone No. _____

CHEQUES SHOULD BE MADE PAYABLE TO WIZARD DEVELOPMENTS.

WIZARD DEVELOPMENTS

VISA ACCESS SWITCH

CONTACT US ON INTERNET SALES@WIZARD-D.DEMON.CO.UK

Prices include VAT & carriage to the UK mainland. Please add £5 to your order for EC destinations and £10 for other destinations. All products are is subject to availability. E&OE. Advertised prices & specification may change without notice.

Out with the old,

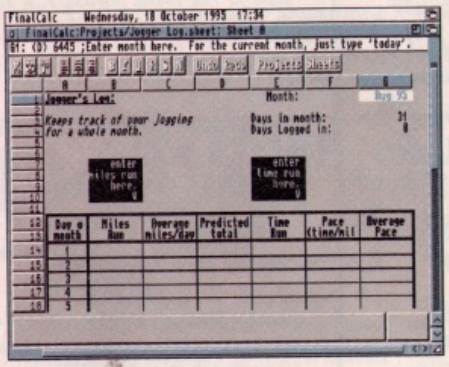
What's happened in the last year is nothing short of miraculous, but what of the future? We take a look at the Amiga market past, present and future and speak to some leading industry figures to find out their views.

Although most of us view January 1st as the beginning of the new year, companies like Amiga Technologies and the various peripheral manufacturers and traders in the Amiga market cannot rest until April 1st: the end of the financial year. While the Commodore situation, now receding into distant, if painful, memory, weeded out those not committed to the Amiga long term it also left many companies, especially the bigger ones like ZCL and now Silica in some trouble. Meanwhile medium sized companies have continued to thrive, though some of them have had to move across to other platforms as well as Amiga to stay in business.

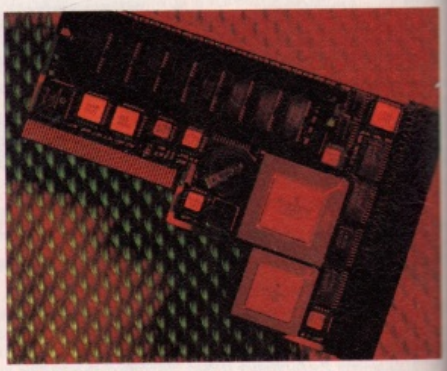
When, last April, Escom announced it would buy Commodore nobody was sure what was going to happen. It had seemed for a while that it would go to the Commodore UK organisation, but in the end the big money was put up by Manfred Schmitt and the old Commodore Germany became the nerve centre of the new organisation, known as Amiga Technologies. Suddenly Escom were everywhere. They re-opened Rumbelows as Escom stores and now, despite initial uncertainties, these shops are selling the Amiga alongside Escom's own-brand PCs and their new Commodore Golf range of PCs.

Things have gone right and wrong for AT since then. They promised A1200s on sale by September/October. By making a 'strategic partnership' with a company called Solectron in France to actually produce the A1200, and setting up a new UK organisation to sort out a software bundle they kept this promise. It was an amazing feat: remember they had never been produced there before and because of stock problems with the old Commodore most of the components have had to be sourced from scratch.

Problems have occurred though. The A4000T and A4000T 060 are behind schedule. Add to this the high cost of the machines and this is a recipe for unrest, in the UK anyway. Further problems have occurred with *Scala* on the hard drive version of the Amiga A1200 (it doesn't have enough memory) and the World Of Amiga show, originally pencilled in for December, then slipping to January (as advertised last month), has now slipped to March. No indications have been released yet as to how well the A1200 is selling in the UK, but confidence must have been shaken when Silica announced that it was seeking protection from creditors. It has now been bought and looks solid, but will they continue with Amiga in the long term?



▲ Final Calc: the best product Johnathan Anderson from AT "has seen on the Amiga for long time".



▲ The Blizzard 1230-IV is one of Giles Harwood's from Gordon Harwood most important Amiga developments for 1995.

Amiga Technologies originally foreçast that the CD32 would be on sale by Christmas. It's not. Well not by them anyway, although you can get old Commodore ones for a song at the moment. But they have announced a new CD-ROM drive – the Q-Drive. Originally due for sale around December, late January or February now looks more likely as it was still only in prototype stage while going to press. This has to be the way forward though.

Third party developers and retailers like Power Computing, Gordon Harwoods, Digita, HiSoft et al, are still committed to the market. With new products in development including updates to already superb software like *Wordworth* and *Final Writer*, 040 and 060 chips becoming the new standard for accelerator cards and new developments concerning CD-ROM and MPEG full motion video encoding, things are looking exciting. And on the horizon there's PowerPC RISC.

We spoke to some leading figures in the Amiga industry and asked them what they thought of 1995 and their hopes for the future. Here's what they said ...

Jonathan Anderson
Amiga Technologies

Highlights of 1995: "The most important one for most people must be that the Amiga is back!! When you consider how long the buy-out went on for and what has been achieved since May 1995, I hope you will agree that we have not been sitting with out feet on the desk. Not only did we bring the Amiga back in record time, but we put the new Amiga Magic pack together in record time. We are working closely with many third party hardware companies to expand the Amiga to its full potential. As you will appreciate, these things don't happen overnight and I would ask your readers to be patient.

Most important Amiga developments: "Low cost accelerators and 24-bit graphics cards, *Final Calc* and *Virtual Karting*."

"*Final Calc* is by far the best product I have seen on the Amiga in a long time. On the leisure side it is more difficult – *Virtual Karting* is excellent. However, I would strongly urge your readers to call or write to the following companies: Acclaim; US Gold; Virgin; Gametek; Mindscape; Team 17; Ocean and ask what new titles they have planned for Amiga in 1996. If none *THEN DON'T BUY ANY OF THEIR SOFTWARE*. You will only be funding PC CD-ROM and the Japanese console titles."

Predictions and hopes for 1996: "Better quality software and more playability.

"The Amiga is still an excellent buy and personally, I would like to see more serious software. I have been looking for software that appeals to females. Maybe your readers know or have seen something, if they have, please let me know.

"Personally, I would like to see Amiga have software that appeals to all the family. Amiga magazines often assume their readers understand the jargon and frankly most mums and dads who write to me don't. They find computing in general both confusing and complex. I would like to see 1996 change all that. Amiga will change in a big way over the next two years, and I hope your readers will still be around to benefit from these changes. On

...in with ...

behalf of all at Amiga Technologies, may we wish all your readers a peaceful and prosperous new year.

Giles Harwood
Gordon Harwood Computers

Highlights of 1995: "The biggest highlight has simply got to be the fact that Amigas are back n sale again after Amiga Technologies' acquisition of the former Commodore's assets and also that there are firm plans now set for the Amiga's future."

Most Important Amiga Developments: "Blizzard 1230-IV, Squirrel, *Final Calc*.

"We are particularly pleased to have launched the Blizzard 1230-IV, which is not only the first quality accelerator using a 'non-clocked' 68030 50MHz CPU to really break the £200 barrier, but also the first '030 that can be disabled from the keyboard on boot-up, eliminating the irritating need to remove the accelerator board before running some older software, games or many demos.

"The other product we feel has mace a tremendous impact is the Squirrel SCSI interface. This has given those users who don't have an upgradable accelerator board the opportunity for the fist time to gain the flexibility and benefits of SCSI, which users of the Mac have enjoyed for so long.

"We are pleased to see so much development of serious software having continued during the last 18 months when there has been so much uncertainty about the Amiga's future. In particular we are delighted to be now shipping *Final Calc*. We've had good word processors like *Wordworth* and *Final Copy/Writer* for many years and good databases too. But for the first time on the Amiga, *Final Calc* offers spreadsheet power comparable with Excel and Lotus 123 on the PC and Mac."

Predictions and hopes for '96: "1996 will be the year where third party hardware developers really will be able to offer vast performance increases to users of both 4000 and 1200 series Amigas – especially as the shortages of 68060 CPUs should finally ease allowing volume shipments of boards to start. This will go even further with the launch of PowerPC boards for the whole current Amiga range in the first half of 1996, apparently well ahead of Amiga Technologies' own targets for PowerPC systems of 'early 1997'"

1995 is the year that saw Power Computing making a break into the games market with a Doom clone called Breathless.

Tony Ianiari
Power Computing

Highlights of 1995: "Amiga being restarted. CD-ROMs and Squirrel devices. Better expansions for A1200/A4000. GVP being saved by us! The Amiga being used on The Krypton Factor!"

Most important Amiga developments: "Squirrel, Falcon 68040, *Breathless*, Aminet CDs".

Predictions and hopes for '96: "We would like to see Escom starting to advertise on TV and in PC mags. This would show Joe Public that there's an alternative to a PC, at a far cheaper price than £1,000. If Escom put the price down after Xmas this should liven up the market, thus bringing up sales through the summer of '96 making everyone happy. Also software and hardware developers must continue to support the Amiga with good, easy to use products to keep all the different types of users happy so that they continue to invest in the Amiga. As for the Amiga market well, 'from small acorns, grow large strong oaks!'".

David Link
HiSoft Systems

Highlights of 1995: "Obviously, I have to nominate Escom's acquisition of the rights to the Amiga family as the highlight of the year because it gives us hope and support to all the loyal Amiga users and developers on this platform."

Most important Amiga developments: "Well, here's a surprise – the Squirrel SCSI interface! Seriously, this device has done more than any other product to open up the potential of the A1200 and A600 and has brought CD-ROMs, zip drives, fast hard drives, scanners etc. within the reach of everybody. This has encouraged CD developers to continue on the Amiga platform.

"*PageStream 3* and *Cinema 4D* for their ease of use, together with their power features, both available on reasonably specified Amigas, offering high end DTP and ray tracing to suit everyone's pocket."

Hopes and predictions for '96: "I would like to see more developers taking the Amiga seriously in 1996, more multimedia titles, more development of the A1200 as an entry-level computer, more books on getting the most out of the Amiga, more sales of CU Amiga! And generally more optimism and more positive feeling towards what I consider to be a great home computer with a great future." ■

Time Frame

APRIL 1995: Escom Buys rights to Commodore and Amiga.

MAY 1995: Escom re-opens Rumbelows stores. Amiga Technologies formed in Germany. Petro Tyschtschenko confirmed as MD of new company.

JUNE 1995: AT try to start production rolling. Meetings with Solectron and audits done of Far Eastern stock.

JULY 1995: Deal signed with Solectron to produce Amiga. Amiga Technologies GmbH (UK) formed. Work is renewed on creating a killer software bundle.

AUGUST 1995: Amiga production line starts tooling up in Solectron's plant in Bordeaux.

SEPTEMBER 1995: Software pack is finally agreed upon, first Amigas come off production line.

OCTOBER 1995: First Amiga A1200s go on sale in the UK. New Amiga 1438 monitor launched.

NOVEMBER 1995: Amiga Technologies announce new CD-ROM drive. Cologne Computer '95 should have been named Amiga '95, it was an Amiga show despite the presence of other formats. PowerPC announced as chip for next generation Amigas.

DECEMBER 1995: Christmas. Sales at this time of year will make or break the A1200 and decide the fortunes of Amiga in the future.

JANUARY 1996: New Amiga CD-ROM drive (Q-Drive) will be launched. HiSoft MPEG.

SPRING/SUMMER 1996: Mid range machines a possibility. As we reported back in July an A1300 (A1400 even?) may be on the cards with an 030 or 040 processor replacing the 020 in the standard A1200.

AUTUMN/CHRISTMAS 1996: New PowerPC RISC Amigas seen for the first time. Total overhaul of Workbench. 4.0 will be completely new, completely re-vamped.

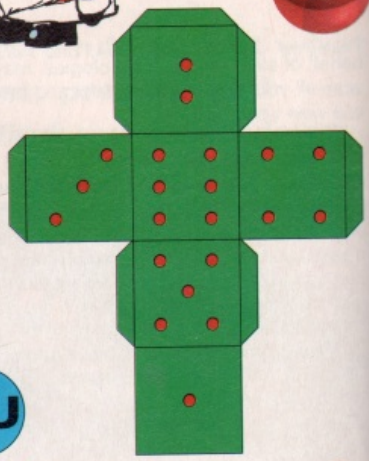
1997: New Amigas on general release, but not backward compatible: for the first time in Amiga history. Emulation should solve the problem though.

Amiga Snakes and Ladders

The last ten years have seen the Amiga built up, knocked down and built up again. Now you can take part in these shenanigans yourself with the all new, unpatented, CU Amiga Christmas Snakes and Ladders. Up to four people can play: just cut out the CU counters below, stick them on coins, construct the dice and start playing!

Rules of CU Amiga Snakes And Ladders:

1. If someone playing owns a PC they are automatically disqualified and have to make tea and wash up.
2. All players start at square one: Jay Miner's square.
3. Player one throws a single six-sided dice and should move his or her counter the number of squares corresponding to the number shown on the dice. Then player two does this and so on.
4. The object of the game is to reach the top first, following the numbers. The winner is the player who does this.
5. If your dice throw lands you on a square with a ladder then climb up to the square above where the ladder ends.
6. If your dice throw lands you on a square with a snake, then slither down to the square where the snake ends.
7. If the square you land on tells you to go back to the start, do so.
8. Enjoy yourself and have a happy Christmas, from all at CU Amiga Magazine.



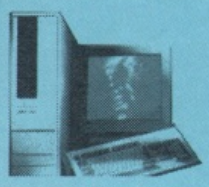
CU CU CU CU CU CU CU CU

Investing in AMIGA(TM)

AMIGA A1200

Magic Pack from £399.99

AMIGA A4000T



Phone for latest details

EPSON

We are Authorised EPSON dealers. Talk to us about ink-jets,

BABT approved fax modems from just £115.00

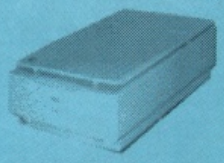
AMIGA M1438S

NEW! AMIGA monitor £299.99

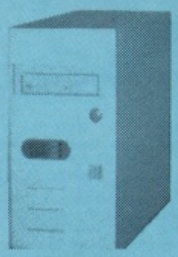
EPSON lasers

Treat your AMIGA to a Soundbox - only £69.95

Tired? How about a mouse mat and wrist rest? Just £14.95



and EPSON scanners.



SCSI tower with CD Drive only £199.99

...and that's not all. We have Hard drives, CD drives, High density floppy drives, gravel drives, SyQuest drives. We have the fantastic Panasonic PD system, formatted to the correct AMIGA standard. We have SCSI towers from only £89.95 delivered. We have most good CD ROM disks in stock. We have a carefully chosen selection of serious software in stock.

In short, if it's for the AMIGA, and it's good, you can buy it from us.

Remember, the FourSquare sign is your guarantee of a FourSquare Deal.

So come and see us or use our Mail Order Service. Either way, the service is second to none.

Please note our NEW address

Brian Fowler Computers Ltd
90 South Street
Exeter
Devon EX1 1EN

Phone us on (01392) 499 755
Fax us on (01392) 493 393
brian_fowler@cix.compulink.co.uk
Compuserve 100072,1536

(We have a lot more planned for the coming months... stay tuned!)

bfcl0035

Brian Fowler Computers Ltd

(01392) 499 755

AMERICAN EXPRESS Cards Welcome · SWITCH · EUROCARD · MasterCard · VISA · Access

DATEL DIRECT

buying direct from the manufacturer means both low prices and a service second to none !

01782 744707
24hr Mail Order Hotline

Access VISA SWITCH

FAX 01782 744292

PROFESSIONAL MIDI KEYBOARD & INTERFACE DEAL!

Full size velocity sensitive Midi keyboard PLUS Midi Master professional Midi interface. Total Package!!

ONLY £99.99
KEYBOARD+ MIDIMASTER + FREE MIDI CABLES

MIDI MASTER PROFESSIONAL MIDI INTERFACE

NEW LOW PRICE

FULL FEATURE MIDI INTERFACE

MIDI MASTER AVAILABLE SEPERATELY
£19.99 Complete with 2 FREE midi cables!

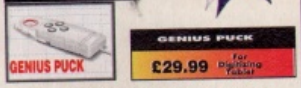
- Full specification Midi In, Midi Thru and Three Midi out sockets.
- Stylish case to match Amiga colours
- Fully Opto Isolated.
- Compatible with ALL leading music packages.

FULL MIDI SPECIFICATION:

- 49 Standard size, velocity sensitive keys with 10 velocity curves.
- Supports all assignable Midi controller messages.
- Supports all program numbers numbers & bank change messages.
- Programmable channel pressure & velocity.
- Pitch bend wheel.
- 6 user programmable " Program & Bank Change" memory.
- 805x208x87mm.
- Transpose up to full range of 109 keys.
- Standard MIDI out 5 pin Din.

DIGITIZING TABLET
NOW ONLY £99.99

AS AN ALTERNATIVE TO THE STYLUS INPUT THE GENIUS TABLET ALSO HAS OPTIONAL FOUR BUTTON PUCK.



GENIUS PUCK
£29.99 For Digitizing Tablet

- With the Amiga Genitizer Graphic Tablet you can streamline the operation of most graphic or CAD programs.
- The Genitizer Graphic Tablet utilises latest technology to offer up to 1000 dpi resolution at the tip of a stylus.
- Complete 9"x6" digitizing area plus super accurate stylus combine to enable fast, accurate and easy control.
- Works by "mouse emulation" so the Genitizer will work with most packages where mouse input is the usual method-Deluxe Paint, Photon Paint, CAD Packages, etc.
- Supplied with template for Deluxe Paint..
- This is the input method used on professional systems.
- Fast input of drawing by "tracing" is made easy - plus "absolute reference" means you can move around the screen many times faster than by a mouse.
- The Genitizer fits in the serial port of your Amiga 500/500+/600 /1200/1500/2000 and "co-exists" with mouse.
- Unlike a mouse, the tablet gives absolute co-ordinates so that tracking and menu selections are possible from the tablet face.

FREE PC INSTALLATION PACK
IF YOU BUY A GENIUS TABLET SYSTEM FOR YOUR AMIGA YOU WILL ALSO RECEIVE SOFTWARE AND MANUALS FOR INSTALLATION ON A PC ABSOLUTELY FREE!

MAGNETIC CARD READER

Explore the data hidden on Credit Cards, Debit Cards, Security & Membership Cards etc.

Simply swipe your card and read the contents
Reads tracks 1,2 and 3
Plugs into your Amiga Joystick Port.

MAGNETIC CARD READER
£59.99 Complete system

HIGH RES HANDY SCANNER

FREE PHOTON PAINT

- An easy to handle Scanner featuring 105 mm scanning width & 400 dpi resolution enables you to scan graphics/text into your Amiga 500/500+/600/1200/1500/2000..
- Includes hard disk transfer to run under Workbench.
- Adjustable switches for brightness/ contrast levels.
- Geniscan gives you the ability to scan images, text or graphics & even offers 200 Dpi Dual Scan Mode..
- Scan Grey Software included to convert half tone images to true Grey scales. Includes editing, zoom & processing features.
- Save images in suitable format for most leading packages including PHOTON PAINT, DELUXE PAINT, etc.
- View window and position control panel.
- Powerful partner for DTP that allows for cut & paste editing of images etc.

NOW ONLY
HANDY SCANNER
£79.99 With FREE PHOTON PAINT

GOLIATH

GOLIATH HAS THE POWER

Goliath is a direct power supply replacement with a difference! If you have an Amiga with a large hardrive, extra memory, accelerator board or indeed any powerful add-on then a standard Amiga power supply just cannot cope. The Golliath packs more

- Fan cooled.
- Heavy duty case.
- Switch mode electronic system.
- Full 200 watt output.
- On/Off switch.
- 13 Amp uk approved mains lead.
- Direct plug-in replacement.
- Also available for cd 32.

GOLIATH POWER SUPPLY
£44.99 3 times the power of a standard power supply

AMAZING 200 WATTS OUTPUT!

THE ANSWER TO ALL YOUR DISK BACKUP PROBLEMS

SYNCRO EXPRESS

£34.99
For A500/600/1200

SYNCRO EXPRESS is a sophisticated hardware and software package that works by directly controlling your second drive as a slave device ignoring the Amiga's own disk drive controller. This way SYNCRO EXPRESS delivers power to backup programs,when other backup systems fail.

- The most powerful disk backup system ever conceived.
- Very simple to use requires no user interface.
- Powerful "SYNCRO MODE" actually synchronises your drives to achieve even greater backup power!
- Menu driven selection of start/end track. Upto 85 tracks.
- Totally "transparent" hardware switches out automatically when not in use.

NOW VERSION 5.0

WARNING 1988 COPYRIGHT ACT

It is illegal to make copies, even for your own use, of copyright material, without the given permission of the copyright owner, or the licensee thereof.

Pro Action Replay

Designed and Manufactured by DATEL ELECTRONICS

FOR THE AMIGA A1200

SPECIAL FX SYSTEM

NOW PLAY YOUR FAVOURITE GAMES TO DESTRUCTION!

ACTION REPLAY GIVES YOU THE POWER TO FREEZE ANY PROGRAM AND TAKE TOTAL CONTROL!

NEW Save the entire program in memory to disk or even hard disk. The saved program will reload and run from the point where it was frozen. Perfect to transfer disk games to hard drive to load in seconds!! *

NEW Game trainer feature gives you the power to find cheats within any game. Infinite LIVES, ENERGY, LEVELS etc. Ultimate GAME BUSTING POWER.

Screen Grabber option lets you freeze and save screen to disk. Pictures saved in IFF format suitable for all leading graphics packages.

NEW Powerful monitor functions give you all the tools to freeze and hack the program in memory. Full 68020 assembler/disassembler. Breakpoint & trace- single step commands Remember that ACTION REPLAY lets you view the program in it's frozen state- no other toolkit can offer this feature.

NEW Powerful hardware features custom logic and on-board scratch ram so No AMIGA MEMORY IS USED.

NEW Works with up to 8 megs of Amiga RAM!

NEW Very simple to install.. Just plug into A1200 trapdoor.

HARD DISK SUPPORT

A1200 ACTION REPLAY

£59.99 Amiga1200

Very simple to use - Just press the freeze button to take total control of the frozen program in memory.

TRANSFER YOUR DISK PROGRAMS TO HARD DRIVE!

*Works with most games.

DATEL DIRECT

Here at Datel we have been designing exciting computer peripherals for over 10 years.

By dealing direct with the manufacturer you can be sure we offer the latest products at the keenest prices.

Our sales and technical staff will be pleased to advise you and we will deliver your order to your door within days. Why not give us a try.

01782 744707

24hr Mail Order Hotline

Access VISA SWITCH

AMPLIFIED STEREO SPEAKERS

YOUR AMIGA HI-FI STEREO SOUND. WHY PLAY THIS THROUGH A SMALL TV SPEAKER WHEN YOU CAN HAVE FANTASTIC HEAD-BANGINGLY GLORIOUS ARCADE STEREO?

10 WATTS **£14.99**

▲ Blasts out 10 watts of power! ▲ Clip onto your TV/ Monitor.

Logic 3 MAGNETICALLY SHIELDED

50 WATTS **£34.99**

Logic 3 MAGNETICALLY SHIELDED

8 BIT SOUND SAMPLER

FULL 8 BIT SAMPLING AT A NEW LOW PRICE

- Full 8 Bit Sound Sampling System. For A500/1500/2000/.
- Fits into Printer Port.
- Complete Hardware/Software package including Sound Sampler

8 BIT SOUNDSAMPLER

£19.99 Amiga 500/ 500PLUS Amiga 1500/2000

Competition PRO CD 32 JOYPAD

CD 32 JOYPAD **£16.99**

- TURBO FIRE
- SLOW MO & AUTOFIRE
- 8 WAY SUPERSWITCH.

AMIGA HYPERPAD

2 BUTTONS EACH WITH SPEED CONTROL

PERFECT FOR REAL ARCADE STYLE GAMES

AUTOFIRE SPEED SELECT

AMIGA HYPERPAD **£12.99**

INTERNAL MIDI CARD

FULL FEATURE MIDI INTERFACE

- INTERNAL MIDI CARD FOR A2000 &1500
- Full feature Midi Interface - Midi In, Midi Thru and Three Midi outsockets
- Opto Isolated.

INTERNAL MIDI CARD

£19.99 Amiga 2000 &1500

REPLACEMENT DISK DRIVE

- Top quality external 3.5".
- Quiet operation.
- Small footprint slimline design.
- Built-in anti-click feature.
- Daisy chainable via thru port.
- No need for external PSU.

REPLACEMENT DISK DRIVE

£49.99 Direct Plug-in Replacement

3.5"INTERNAL FLOPPY DRIVE

NEW

- Quality Chinon Mechanism .
- Features special eject button.
- Quiet operation.
- Includes mounting pillars.
- Comprehensive instruction manual.

INTERNAL DRIVE

Amiga 500/ 500PLUS **£39.99** | Amiga 600/ 1200 **£49.99**

AMIGA VIDEO INTERFACE

This Amiga video interface allows you to output S-VIDEO or COMPOSITE PAL from your Amiga.

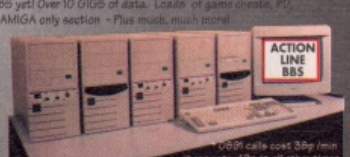
- Connects to Amiga monitor port. Thru connector allows standard Monitor to be connected simultaneously
- Separate output gives S-VIDEO or COMPOSITE PAL output (please state which required)
- Ideal for many video applications including titles etc.
- Allows Amiga to be used with any SCART TV if you don't have an Amiga monitor

VIDEO INTERFACE **£34.99**

ACTION LINE BBS

NETWORKED PC's WITH OVER 10 GIGS OF DATA

ACTION LINE is the biggest and best BBS yet! Over 10 GIGS of data. Loads of game cheats, PD, shareware, images,chat, adverts, Large AMIGA only section - Plus much, much more! All speeds to v32 FAST.



INSTANT DOWNLOAD NUMBER

0891 516353

No subscription- Just pay for the call* 8 lines

*0891 calls cost 38p /min cheap rate, 48p at all other times

DEALER ORDERS WELCOME

CALL 01782 744707 and we will ship your order same day*

- Please add £2.00 per order.*
- For next day delivery add £5.00
- For export orders we will quote shipping at cost via UPS.

01782 744707 24hr Mail Order Hotline

FAX 01782 744292

* stock items * except where inclusive

DATEL DIRECT

GOVAN ROAD, FENTON INDUSTRIAL ESTATE, FENTON, STOKE-ON-TRENT, ST4 2RS, ENGLAND

01782 744707

"If it sounds like I raved, then I've communicated successfully exactly how groovy this product is ".

Ami-FileSafe

"It makes as much difference as adding some fast SCSI Zorro III controller from hell".

all quotes from Internet Review: (comp.sys.amiga.reviews)

latest info: http://www.flevel.co.uk

A Fourth Level Development

Ami-FileSafe
The NEW de facto standard Filing System for your Amiga

pro version

RRP £69.75 inc VAT

for larger & multi-user systems

Secure filing system No more corrupt disks when applications crash whilst writing to disk!!
Super Fast - much faster than FFS.
Instant Directory Listings
Parallel access and negligible performance loss!
Efficient use of disk space.
Large directories do not decrease operating performance.
Multi-User Filing System Support

"There's no doubt about it. This is one *SAFE* mother this Ami-FileSafe system".

A Fourth Level Development

Benchmarks

A3000 030 Oktagon SCSI 2

Test	FFS	AFS	Units
DirScan	409	1780	Files/s
CreateFile	227	1073	k/sec
ReadFile	244	1363	k/sec
Seek and write 4bytes (start & end)			
x100	53.6 Sec	4.4Sec	

AFS: the Amiga Power Too

"Brilliant if, like me, you use your Amiga multi-tasking capability to the max".

Fourth Level Developments Certified Amiga Developers 0117 985 4455 (6 Lin

Latest User Version

now with auto FFS2AFS conversion!!

go for it today

£29.75 p&p £3

User Version Limits
Up to 650Meg on One AFS Hard drive
No MuFS
Private user licence
Otherwise as Pro-Version

Ami-FileSafe Branded Products
Dice V3.01

"Tried with Mail Manager again. My *GOD* it was amazing! Tossing sped up from around 500 messages/min up to 1200 or

Our German Version distributed by: Stefan Ossowskis Schatzkruhe, Essen +49 201 788778

HOW TO ATTRACT GIRLS

EVERYTHING you need to know!

Only Available by Mail Order

Two unique new illustrated guides, reveal all the secrets and techniques that can bring you sex-cess with women – OR YOUR MONEY BACK!

1. HOW TO PICK UP GIRLS

REVEALS: • The best pick-up techniques. • Over 100 fantastic opening lines • How to instantly attract girls you have only just met. • A simple rule that will triple the number of dates you get. • Fool-proof conversation techniques. • How to win over "hard to get" girls. • How to date exceptionally beautiful girls. • How to be so great on dates girls will want to be with you again and again – and **much, much more!**

£12.95 postpaid. A4 Soft cover. 72 pages

2. HOW TO SUCCEED WITH GIRLS

REVEALS: • More brilliant "pick-up" techniques and opening lines. • How to become "sexually attractive". • Secrets that girls will never tell. • What really turns a woman on. • The art of seduction revealed. • What you need to know to be "G.I.B." (Great in Bed). – and **much, much more!**

£12.95 postpaid. A4 Soft cover. 64 pages

SPECIAL OFFER! Order both these amazing guides for just £20 Postpaid.

User reports confirm success:

"Just two days after receiving your guides I picked up the most beautiful girl I had ever spoken to in my life. It was something that one week earlier would have been impossible." – D.S., London

"My only disappointment is that it's available to other men and I can't keep what I've learnt all to myself!" – D.B., Hemel Hempstead

***MONEY BACK GUARANTEE:* If your not 100% delighted you may return either guide for a full no-questions-asked refund!**

Credit card holders may phone **01534-61 71 81** (24-hr answerphone)

CASUTI LTD., PO BOX 115, 20 BRITANNIA PLACE, ST. HELIER JE4 8QQ

YES! I want to be successful with girls. I understand that if I'm not 100% satisfied with the goods I receive I may return them in good condition for a full refund. On that basis please send me:

☐ HOW TO PICK UP GIRLS – Price £12.95 inc. p&p. ☐ HOW TO SUCCEED WITH GIRLS – Price £12.95 inc. p&p.

☐ I am ordering both of the above at the special combined price of just £20 inc. p&p.

I enclose a cheque/PO for £..... payable to CASUTI LTD. (foreign orders add £3) or debit my ACCESS/VISA/ MASTERCARD Acc. No. [ ] Expires [ ]

Name..... BLOCK CAPITALS PLEASE

Address.....

..... Post Code.....

CASUTI LTD., PO BOX 115, 20 BRITANNIA STREET, ST. HELIER JE4 8QQ CU

All orders are discreetly despatched under plain cover.

A S A ☑
K E E P I N G
T A B S
O N A D S

THE ADVERTISING STANDARDS AUTHORITY 2 TORRINGTON PLACE LONDON WC1E 7HW

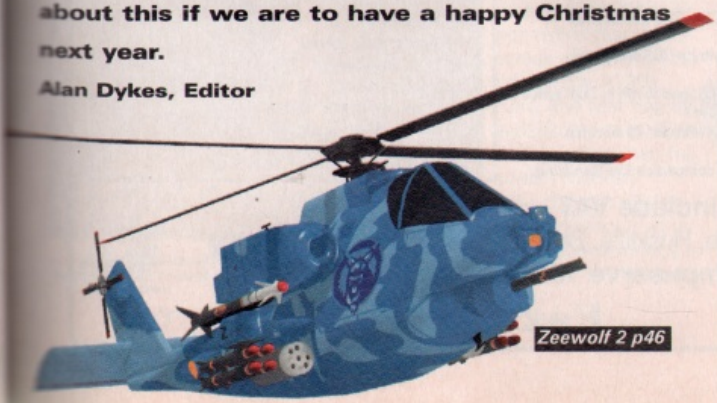
ScreenScene

Christmas is traditionally a very good time for games software and although this year's releases doesn't match last years, it's still a good show. In our previews section you'll see Breathless, a game that's knocked us off our seats. It arrived in right at the end of the schedule and we've held it back until next month so that time can be given to do it justice. As a Doom clone it's the only one on Amiga so far to actually look better than its PC counterparts. It's just so smooth. Granted you need the mother all of accelerators to get it running full screen at full speed, but it shows it can be done. Will it play better than Breed 3D though?

I can honestly say that for almost the first time in history we hadn't a single duff game arrive in this month. From the much improved Zeewolf 2, Wild Justice to the most excellent new tennis game from Audiogenic and a SWOS update worth shouting about – it's a wonder we got any work done at all. It's just as well CD32 Worms arrived on deadline day, any earlier and you might not have had a magazine to read this month.

On a less positive note I was disappointed to see and hear very little about games at the Cologne show in November. Although it was a triumph for all things technical, the software houses were much busier with other machines. Amiga Technologies really have to do something about this if we are to have a happy Christmas next year.

Alan Dykes, Editor



Zeewolf 2 p46

PREVIEWS

- Breathless 43
- Xtreme 44
- Gloom Deluxe 44

REVIEWS

- Zeewolf 2 Wild Justice 46
- Sensible World of Soccer 95/96 50
- Super Tennis Champions 52
- Worms CD32 57
- Gloom CD32 58
- Alien Breed 3D CD32 58

BUDGET GAMES

- UFO Enemy Unknown 61
- F1 61

TIPS & GUIDES

- Vampyra 63
- Snip Tips 64

Worms CD32 P57

HiQ Limited

The Storage and System Design Specialists Tel +44 01525 211327

Multimedia PowerStation options for all Amigas

PowerStation Specifications:-

1. 200 watt power supply for complete Power Systems.
2. Good looking high quality steel construction.
3. Five drive bays, various mounting configurations.
4. Ideal monitor stand and cables slide underneath.
5. High speed Squirrel SCSI2 interface from Hisoft.
6. Dual speed, highly CD32 compatible CD-Rom drive.
7. Power and Hard Drive LED's.
8. Future expansion potential.
9. Low cost when compared to single drive cases.
10. Mix CDRom and Amiga audio outputs thru speakers.
11. Computer speed indicator, 2 speed switchable.
12. DOES NOT VOID WARRANTY.

Rave reviews in all Magazines

Tower Version

PowerStation pack Prices

Includes 2 x SCSI CDRom + Squirrel

Stereo speaker version	£329.95
Desktop version	£299.95
Tower version	£329.95
Carriage	£12.50

FREE CD OFFER

PowerStation Case Prices

includes internal Audio & SCSI Cables

Stereo speaker version	£129.95
Desktop version	£99.95
Tower version	£129.99
Carriage	£12.50

The Greatest Drive since the Model T Ford

Well the wait is over and the future has arrived in the shape of the new Panasonic PD System SCSI Optical drive. This unit is a Hybrid 650Mb, Quad speed CD-ROM and Optical Read/Write system. (Yes, you did read that correctly!).

Now you can read all of your favourite CD Titles at over 600Kb per second and by purchasing the low cost 650Mb cartridges you have 650Mb of storage space always on line just like a conventional hard drive.

!Limited Supply!

Internal Drive Unit	£599.95 inc. VAT
650Mb Cartridge	£49.95 inc. VAT
External Case	£59.95 inc. VAT

3 FREE CD OFFERS

Samsung New "M" Range Monitors

The new Samsung "M" Range monitors are only for the serious Amiga user. They work at above the frequency range of the Amigas so you need to run in Double Pal mode, but the display is the best you will see from the largest monitor maker in the world!

15" does not support DBLPal
15" Gle ..£329.95, 15" Gli £399.95
17"supports DBLPal
17" Gli ....£649.95, 17" Glsi ..£749.95
P&P £12.50

Soon to be made in the UK

Squirrel SCSI Interface

© Copyright Hisoft 1994

Need we say more £54.95 +P&P

Quad Speed versus Dual Speed (SCSI) CDRom drives

Q. Is Quad Speed the Future?
A. No, around the corner are the new multi Gigabyte CDRom drives.
Q. Is the extra speed useful?
A. In some circumstances, but most CDRoms developed to run in Dual speed.
Q. What about very high quality video 4-500kb/sec?
A. Yes, 15 minutes worth. All Video setup for 150kb/s for 70 minutes.
Q. What do HiQ know about it anyway?
A. See the MultiMedia CDRoms we develop for companies like Samsung.

!! HiQ STAR DRIVE BUYS !!

A1200 420Mb IDE
Only £134.95

Very Low Stocks

A1200 850Mb IDE
Only £189.95

All drives formatted, and Magic Workbench plus PD Software installed. Free fitting for personal callers.

A1200 Cable Pack **£20**
Post & Packing £7 (CityLink)

SCSI 3.5" Drives

Quantum 540Mb FireBall	£179.95
Quantum 840Mb Trailblazer	£229.95
Micropolis 2.1Gb AV drive	£769.95

COMING VERY SOON

Full blown S-Video quality digital Video Recording, Editing and Playback system for PowerStation users only.

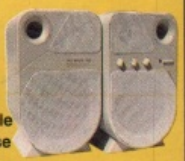
Features:-

- Digital SVHS / Comp recording.
- Encoded SVHS / Comp Video Output.
- Full Digital Video Editing software includes many high quality DVE effects.
- Upgrades Processing power.
- 16 bit Audio recording and Playback.
- Includes Mpeg playback facility.
- Mpeg file creation software included.
- 1024 x 768 16 bit colour display.
- Add Panasonic PD drive for instant studio.

Prices from approximately £1,500

Hi-Fi quality active stereo speakers

(Suits all Amigas)
Specifications:-
1. 80 watt active stereo
2. Built in amplifier
3. Colour matched
4. Volume, Bass and Treble
5. Excellent Bass response



Price only £39.95 P&P £7.00

All Prices include VAT

HiQ Ltd, Gable End, 2 The Square, Hockliffe, Bedfordshire LU7 9NB.

EMail address:- Compuserve 100432,711

Tel 01525 211327 **Fax 01525 211328**

Breathless

■ Due: December 1995 ■ Publisher: Power Computing ✆ 01234 273000

I swore if I saw another Doom clone for the Amiga I'd throw it in the bin. However, like our fine Conservative government I've been forced to go back on my promises again ...

▲ A line of bullets and the resultant mutilated bodies. Will Power Computing be putting a rating sticker on this game I wonder? Wow, check out those graphics again.

▲ This is where we leave you until next month's review.

"Not another one," I said as Mat enthusiastically popped a disk on my desk with the promise of more *Doom* heaven. He had got a demo of *Breathless* off the 'net, and it looked wonderful (as we reported in last month's news). However there were no guns and the enemies didn't attack, so could it be like *Fears*: all graphics and no gameplay?

Much later: one sunny afternoon in Bedford, Tony Ianiari of Power Computing, whom we normally associate with technical products like the Viper range of RAM boards and Power CD-ROMs, announced that he had a game. It was called *Breathless* and, according to him, it was brilliant. He game me a demo and I have to admit he was right. I loved it instantly.

▲ A key. Notice how realistic it looks. Yes indeed. By the way this is 1X1 pixel full screen mode.

The graphics engine is much better than those seen in any of the other *Doom* clones to date. Gorgeous, textured ray-traced graphics with four resolution settings: from 2X2 pixels to 1X1 pixel. The screen can also be re-sized several times to make it faster on low RAM or processor machines. It's the 1X1 pixel mode that has to be seen to be believed though. If you've seen the pictures in the news pages of the *Breed 3D* update disk and were impressed then look at the screenshots on these pages. Breathless already has it.

Granted you need a big, big accelerator in your A1200 to get it going at this resolution in full screen mode. But, sad as I am, I was even happy with a tiny screen and full resolution rather than full screen and low resolution on my A1200. (Tony and Mat hog the accelerators and snub anything less than full screen modes.) Adjusting the screen size and resolution is fast and easy during a game, all of the modes being accessed using the numeric keypad.

▲ A dancing terminator, yesterday. These explode with a satisfying 'boom', but it takes a lot of shots to achieve this.

Look up

The numeric keypad also allows you to look up or down with three degrees ("When Will I See You Again", oh yeah!") of adjustment in each plane. This is done using the keys 7 for up and 1 for down. And, the beauty of it all, is that 4 automatically centres you again, just in time for the perils ahead. Looking up and down is useful for several reasons 1. you can shoot enemies on platforms and in pits and 2. you can target mini enemies that bit easier.

Mini enemies? Yes. The basic units of cannon fodder for the *Breathless* games engine are *Crash Test Dummy*-like silver mannequins with mysterious hidden guns. But just to confuse your targeting they come in two sizes. Big mannequins and baby mannequins and they're both vicious. The other enemies we've encountered are skeletal Terminators and a Robocop-style ED209 clone. These guys need a little bit more firepower to down than their equivalents in, lets say, *Gloom*.

There is a red target sight in the middle of the screen to help you aim your weapon which, personally, I like. And, although the gun you start off with is weedy enough to be called 'Dock Leaves', there are another five weapons available, my favourite of which is the no-holds barred, plainly named 'Death Machine'. This reduced mannequins to tomato puree and leads to a terrific explosion in robot enemies.

Terminal

New weapons can be bought from terminals found on various levels. *Breathless* operates on a credits system and you have to buy everything. Credits, armour and health bonuses can be found on each level but you can also upgrade these at a terminal. Armour protects the protagonists, and the higher its rating the less health will be lost in an engagement. Energy is the source of all life and death. Guns in *Breathless* use energy according to their power rating. The weedy gun uses little energy, the Death Machine uses a lot.

We received an 'almost finished' version of *Breathless* just as we were going to press and lost an entire enjoyable evening playing it to bring you this preview. Which means we've got a whole month of examining and soul searching before we bring you a review. Will *Breathless* match up to *Alien Breed 3D*? Or will the king survive? ■

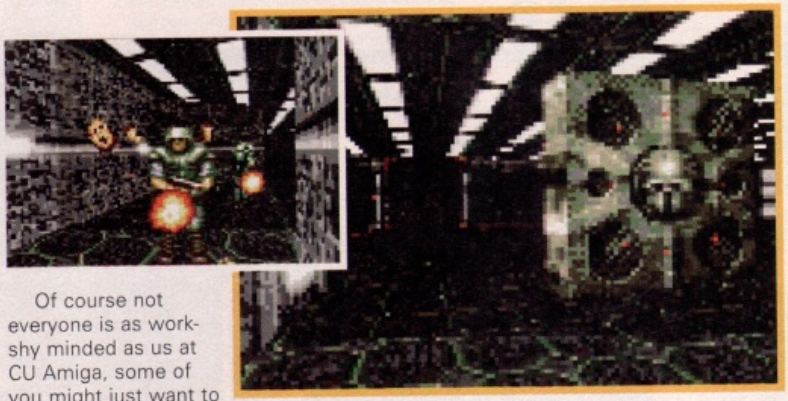
Alan Dykes

Gloom Deluxe

■ Due Out: January ■ Publisher: Guildhall Leisure✆ 01302 890000

Those cooky folks at Black Magic are too kind. They've thought up an ingenious plan to help us poor overworked journalists have a sneaky game of *Gloom* on our Amigas when we're supposed to be working on something else.

Gloom Deluxe, a souped up version of *Gloom,* will now run on any Amiga that has a 68020 processor and 2Mb of RAM. It will also run in a window on your Workbench if you have a 24-bit graphics board which means that we can sneakily play it to our heart's content while no-one is looking. And if anyone happens to pass by we can casually switch back to what we were supposed to be doing leaving *Gloom* running in the background. Very clever.



Of course not everyone is as work-shy minded as us at CU Amiga, some of you might just want to play *Gloom Deluxe* for the improved graphics as it will now support AGA and ECS and hopefully will also be i-glass compatible.

The preview copy we received showed a marked improvement in graphic quality compared to *Gloom*. Now that you are not limited to the blocky standard display you can view the game in full-screen high resolution.

The playability also seems to be a bit harder. The first level which is incredibly easy in *Gloom* is not so easy in the *Deluxe* version. The sprites must have gone to 'sprite training school' or something because there now seems to be more of them and they are quicker and tougher.

The gameplay has been altered slightly as well. Doors no longer open if you walk up to them, you have to propel yourself first against lots of monster-like walls that have strange flashing lights on them. Sounds like one of Tony Horgan's nights out.

Finally, the only other main difference, so far, between this and the original is that there are some new levels planned: Spacehulk 2, Aztec and Egyptian. Expect to see a review soon. ■

Lisa Collins

XTreme Racing

■ Due Out: TBA ■ Publisher: Guildhall Leisure✆ 01302 890000

Running people over is not my idea of fun. However, play *XTreme Racing*, an excellent new racing game from Siltuna, for any length of time and you soon find yourself mowing down the trackside spectators with no scruples whatsoever.

We seem to have been blessed with good racing games lately. *Leading Lap* and the recently budget release *F1* spring to mind. So where will *XTreme* fit in amongst the the plethora of Amiga racing games? Mat Bettinson , described it as "*Lemmings* meets *Mario Cart*". He's right, *XTreme* is not really in the *F1* mode and if the finished version stays in the same vein it will be a mixture of the best bits from OTM's *Virtual Karting* and Grandslam's *Bump N Burn*.

There are lots of items around the tracks to avoid and run over. And, speaking of *Lemmings*, there are a few suspicious-looking little creatures running around the demo waiting to be mowed down and we're not quite sure Psygnosis (Sony) would really appreciate it. But we didn't tell you this. We have not seen anything.

Siltuna's (er, has it struck you that this is a strange name?) Alex Amsel and Mark Fitt seem to have to put a lot of work into the game. A major bonus is the ability to run it on serial link with up to eight players being able to compete at once.

We were all very impressed by what we received. It's looking good so far, it runs smoothly and the corner handling is good. The only criticism I have is that your car looks a bit like it's been superimposed on the track rather than actually being on it. We'll have to wait and see how the finished version turns out. We should have a full review next month. ■

Lisa Collins

POWER CD-ROM

BLUE CHIP AWARD

AMIGA GOLD

power cd-rom

The Power CD-ROM for the Amiga 600/1200 plugs directly into the PCMCIA port and provides a direct SCSI-I and SCSI-II interface, allowing up to six additional devices to be connected. What's more the Power CD-ROM features a 'Hot-plug' which allows you to connect and disconnect the CD-ROM and any other additional devices even when the Amiga is switched on.

The CD-ROM drive comes with a SCSI interface, PSU, manual, audio lead, mains lead and software which includes Audio CD, CD32 Emulator, MPEG Film Decoder and Photo CD.

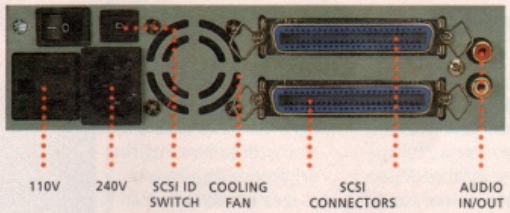
AMIGA 600/1200

x2 SPEED CD-ROM INC.SQUIRREL . . **£179**
X4 SPEED CD-ROM INC.SQUIRREL . **£249**

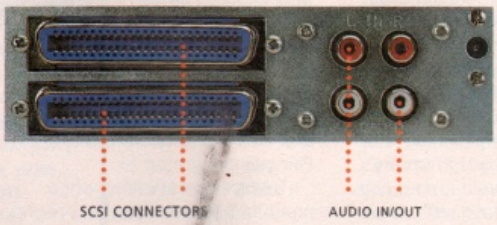
AMIGA 4000

DOUBLE SPEED CD-ROM **£139**
QUAD SPEED CD-ROM **£199**
AMIGA 4000 SCSI-INTERFACE . . **£129**

quad-speed



double-speed



£249
quad-speed

£179*
dual-speed

£54
80 watt

CD-ROM SOFTWARE

LIGHTWAVE 3D ENHANCER	£55.95
CDBOOT 1.0	£29
WORLD INFO'95	£39.95
DA CAPO VOL 1 MUSIC MODULE	£25
FRESHFONTS II	£17
GAMERS DELIGHT	£25
GOLDFISH 2	£25
LIGHT ROM	£39
MAGIC ILLUSIONS	£10
MEETING PEARLS VOL 1	£10
MEETING PEARLS VOL 2	£10
THE LIGHT WORKS	£34
THE BEAUTY OF CHAOS	£12
AMINET SET 1	£25
AMINET 5	£12
AMINET 6	£12
AMINET 7	£12
CD-WRITE	£39
FRESH FISH 8	£25
GATEWAY VOL 1	£9.95

SCSI INTERFACE REQUIRED FOR A4000 *DUAL SPEED CD-ROM CASING DIFFERS FROM ONE SHOWN

notice

Power Computing Ltd no longer sell this product due to the lack of support for VCD and CD-i formats (i.e MPEG Films). This CD player will not play movies.

the AMIGA is back!

a1200 pack

2MB of RAM
3.5" Floppy Drive
2.5" 170MB HD Option
Wordsworth v4se
Digita Datastore v1.1
Digita Organiser v1.1
Turbo Calc v3.5
Photogenics v1.2se
Personal Paint v6.4
Workbench v3.1
Whizz 3D Game
Pinball Mania Game

2Mb ram no HD **£399**
2Mb ram+170Mb HD **£499**

a4000 tower

6MB RAM
68040/25 or 68060/50
Workbench v3.1
AGA Chip Set
16.7 Million Colours
1.2GB SCSI Hard Drive
1.76MB Floppy Drive
2 x 3.5" Drive Bays

68040+1.2GB HD **£2199**
68060+1.2GB HD **£2499**

All prices include VAT

scala mm300 software
Pre- Installed on A1200/4000 hard drive versions.
Does not include disks or manuals

i-glasses **£599**

amiga monitor **£299**

PCMCIA Smart Card Slot
32-bit 68020EC Processor
AGA Chipset
16.7 Million Colours
Built-In Modulator

Monitor not included with A4000T

68040/25Mhz or 68060/50Mhz Processor
6MB RAM
1.2GB Hard Drive
1.76 Floppy Drive

TELEPHONE 01234 273000
FACSIMILE 01234 352207

POWER COMPUTING LTD
44A/B STANLEY STREET
BEDFORD MK41 7RW

.power

ALL PRICES INCLUDE VAT. SPECIFICATIONS AND PRICES ARE SUBJECT TO CHANGE WITHOUT NOTICE. ALL TRADEMARKS ARE ACKNOWLEDGED. ALL ORDERS IN WRITING OR BY TELEPHONE WILL BE ACCEPTED ONLY SUBJECT TO OUR TERMS AND CONDITIONS OF TRADE, COPIES OF WHICH ARE AVAILABLE FREE OF CHARGE ON REQUEST.

Zeewolf 2

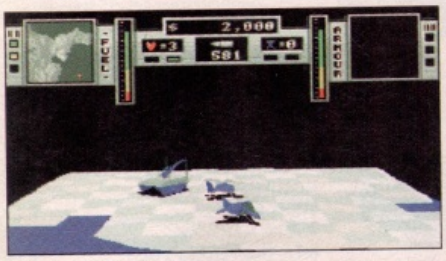
WILD JUSTICE

■ Due Out: December

■ Publisher: Binary Asylum © 01225 428 494

AMIGA SUPERSTAR

One of our favourite helicopter sims is back again. If mowing grass and bad guys is your idea of a good time the second instalment of Zeewolf should titillate your fire button fingers.



▲ This is one of the remote control options. Link up to the Camel and you will be able to fly the Kestrel fighter.

The old saying "if it ain't broke, don't fix it" must figure quite highly in Binary Asylum's vocabulary. The boys from Bath sat back, looked at their first creation, scratched their heads and decided that it was just too damn good to change. So they set about making a couple of improvements and a whole new set of missions.

The theme of the original was a polygon helicopter sim with as much flight realism as possible. Version one's biggest competitor was *Jungle Strike*, and the gameplay similarities were striking – even if the look was different. But that was then and this is now, and EA haven't bothered to bring us the third version of their popular gunship shoot 'em up so *Zeewolf* looks as though will be the king this Christmas.

New objects

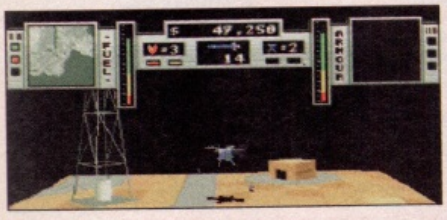
The changes are noticeable, though they don't exactly set the world on fire. They are most apparent in the landscapes. New objects appear everywhere, and the land itself changes colour from time to time. There is a much bigger variety of buildings than the original. And as usual you can blow each one of them up. Violence is the keyword.

According to project leader Trenton Webb: "One of the criticisms of the original was that there just wasn't enough variety, so we set out to create more complex and varied structures". Indeed. "Look at the trees", he said. Rounded deciduous ones have joined the endless conifers.

The on-screen interface has improved too. The local area map remains on the top left hand side of the screen and the gun camera on the top right but they have been incorporated into a sort of metallic console instead of floating around like the old version. The fuel and Armour guages are now coloured and look more like real guages than little retracting pieces of purple pasta. The centre of the console tells you how much ammo you have, how many lives you have, how much money you have in the bank and how many friendlies you have rescued.

Mowing grass

And yes, *Zeewolf 2* still allows one to mow grass with the rotors. For those unfamiliar with the original, the control technique of trying to get the chopper to move forward at speed also means that as speed builds up your 'copter goes down. This is apparently because as the rotors are angled really far forward to increase speed, you tend to lose lift. This was one of my criticisms of the original; this tended to get annoying. According to Trenton "we've made the game much more forgiving. Yes, you can crash into the ground while speeding, but you don't lose too much armour doing so". But it's not very realistic this way, I claimed. "But it is very playable this way", replied Trenton. Fair point.



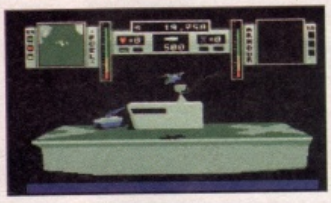
▲ Somewhat reminiscent of Desert Strike. Pick up the friendly, blow up the oil derrick and earn some cash. Check out the nice new colours.

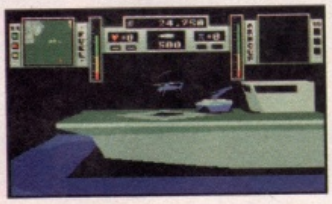
▲ Another couple of satisfied customers delivered to the carrier. You will get armour in return.

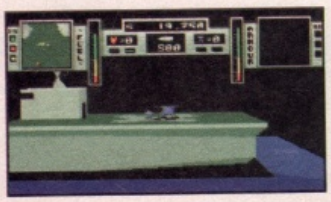
Using the mouse is, once again, a barrel of laughs. I regret to say that one year down the line from *Zeewolf* I'm still no closer to mastering this control method. I'm a big chap, with big hands (ladies out there take note) and consequently I have real difficulty making the minute movements required of mouse control, especially when things get really busy on-screen. This is when you need a joystick to yank around, not faff about with a namby pamby mouse.

Binary Asylum and an old

Get Thee To The Carrier







The Aircraft carrier is very valuable in later stages of the game. You will need to refuel, re-arm and have your shields replenished here. Shields are replenished at the back of the carrier on the 'X' landing pad. By picking up technicians from destroyed buildings and dropping them off here you will automatically receive more armour. The more techs you rescue the more armour. If you lose a life with Techs on board you will lose them too.

To replenish weapons and fuel you will first have to destroy some Ecliptico gear. Because you are a mercenary this will give you money and if you then land on the Diamond marker at the front of the carrier a Camel will link up to you and allow weapon selections to be made. Doing this will automatically refuel the Zeewolf.

Some Enemies To Watch Out For ...

The Albatross

A heavily armoured chopper with a destructive cannon. Very, very effective in pairs.

The Wasp

A small, lightly armoured scout helicopter with a rather weedy little gun. Annoying.

The Osprey

A VTOL attack aircraft with homing missiles. Ospreys fly specific patrol patterns.

The Destroyer

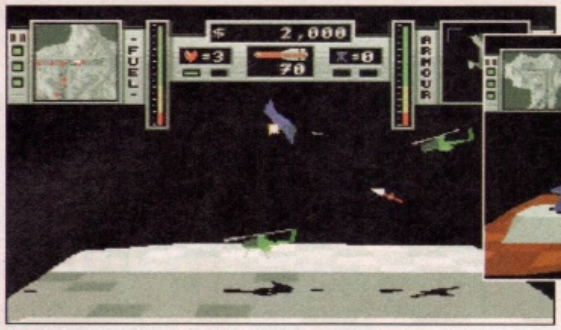
A massive ship with big, fast guns. Steer clear if you're low on armour. Best attacked with missiles.

The Shark

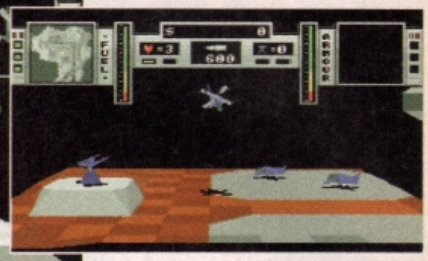
Seems a little wimpy by comparison with the rest, but these still cause trouble.

Watchdog

This annoying tank is equipped with a radar which is used to guide other weapons.



▲ It's best to destroy enemy aircraft on the ground if you can. If they take off homing missiles are the best option, though these Wasps can be easily shot down with cannon.



▲ Escort these fighters to their target and they'll make your job that much easier.

associate from another magazine have assured me that mouse control is indeed the best way to play. Whatever. What I will say about control is that if you have played our demo and were disappointed with your performance then try again. Aiming the chopper takes some getting used to even with joystick control, but it does look realistic when you get it right.

New colours

There are lots of new landscape colours in *Zeewolf 2*: Wild Justice. If you didn't like green pastures then *Zeewolf* would have bored you to death, but the Binary boys have obviously been playing *Cannon Fodder* or something because green grass, snow white, desert yellow and fashionable grey have been included. The sky is still black, but when you look at the rest of the polygon populated screen you'll understand why. Speed.

In fact this is another area where this new version has improved. *Zeewolf* had the annoying habit of slowing down to a snail's pace every time you pressed the fire button. On A1200s without fast RAM or an accelerator this was noticeable, especially when there were a lot of objects on screen, but not too much to the detriment of gameplay. On A500s and A600s it was dreadful. If you've tried to pull away from a set of traffic lights in third gear in your mum's A-reg Fiesta you'll have some idea of the sort of noisy stop-start, get nowhere feeling in *Zeewolf*.

Wild Justice has partially rectified this problem. It's now more than acceptable on a standard A1200 and a bit more reasonable on lower spec machines. The problem remains though that if you have a basic A500 or A600 you'll have problems on later levels. Once the screen gets heavily populated and there is a lot of gunfire 1Mb and a 7MHz processor just can't hack it. Fast RAM helps though, on all machines. Speaking of which, if you have an A600 and feel left out of the upgrade stakes then check out the A620 review on page 79. We tested *Zeewolf 2* with it and it was almost twice as fast as an A1200!

Missions

Once again the variety of missions is excellent and as with *Zeewolf 1* the Binary Boys have given us a nice, healthy learning curve. The first few missions get you used to the controls then, after mission five, things begin to get difficult again.

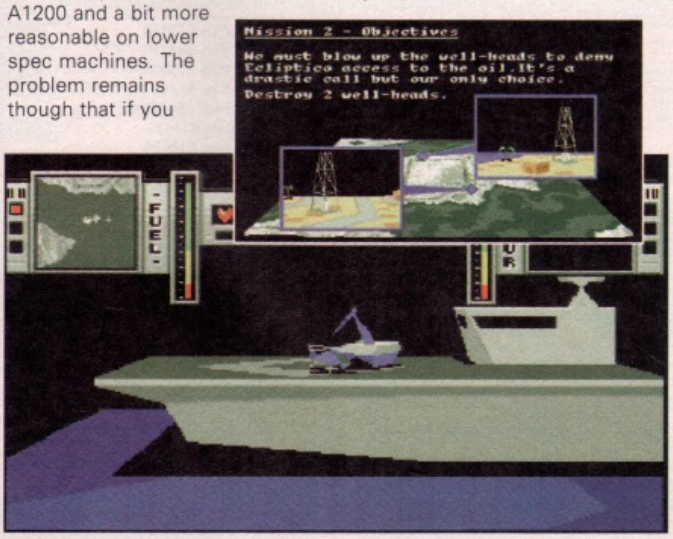
While looking at a preview version of the game I mistakenly told Trenton at Binary Asylum that I thought that there ought to be more intense concentrations of accurate enemy to deal with. He gave me a knowing smile, shook his finger and said, simply, "yes Alan".

I made a fool of myself by suggesting that it was too easy, as later levels have shown. The variety of enemies is amazing: at any one time you can be assailed by as many as five or six in the same area. And again there is a whole menagerie of animal names for the land, sea and aircraft. Big, mobile anti-aircraft guns are called Rhinos, The Albatross is an Ecliptico helicopter from hell and an Osprey is an enemy STOL jet.

Enemy weapons are better, but Zenith have a few aces up their sleeve too. As well as flying escort missions for planes with improved AI, you can also connect to remote control vehicles like the tank in this month's demo and a Kestrel attack aircraft. These are sort of thrash-and-forget weapons. Once connected to one you can fly or drive around causing as much mayhem as possible and if you get knocked out you simply return to the unharmed Zeewolf.

Zeewolf 2 – Wild Justice is better than the original, there is no doubt about it. Last year a combination of factors led to *Zeewolf 1* being rated 84%. The differences here have changed my opinion, although with a slower machine it would still be advisable to try our demo out before you make a purchase. I, however, will be playing it on Christmas day. ■

Alan Dykes



▲ (Above) About to re-load guns, missiles and armour. The first few levels do not require this but later ones may require more than one visit to this safe haven. (Top) A nice mission description.

ZEEWOLF 2

A500 / A500+ / A600 / A1200 / A1500 / A2000 / A3000 / A4000

- workbench version.....1.3+
- number of disks 1
- RAM.....1Mb
- hard disk installable .....No

graphics	89%
sound	82%
lastability	90%
playability	89%

OVERALL

Number two is more polished and excellent.

90%

Open Sunday 11am to 4pm

Late Night Opening Wednesday & Thursday till 7.30pm

FIRST COMPUTER CENTRE

HOW TO ORDER

Order by telephone quoting your Credit Card Number. If paying by cheque please make payable to: "FIRST COMPUTER CENTRE" In any correspondence please quote a Phone Number, Post Code & Dept. Allow 5 working days cheque clearance

SHOWROOM ADDRESS: DEPT. CU, UNIT 3, ARMLEY PARK COURT, STANNINGLEY RD, LEEDS, LS12 2AE.

Lombard Tricity low rate finance now available, call.

LOW COST DELIVERY

- Standard delivery £1.95
- 2-3 Week Days £2.95
- Next Week Day £4.95
- Saturday delivery £10.00

Delivery subject to stock availability

- All prices include VAT @ 17.5%
- Large showroom with parking
- Multi-million pound company
- Overseas orders welcome
- Educational purchase orders welcome

OPEN 7 DAYS A WEEK

Prices are correct at the time of going to press. Please check our latest prices before ordering. All sales are subject to our standard terms & conditions(copy available upon request). E&OE.

Telephone 0113 2319444

24 HR MAIL ORDER SERVICE FAX: 0113 231-9191
NEW! BBS Sales & Technical line Tel: 0113 231-1422
E-Mail sales@firstcom.demon.co.uk
www.demon.co.uk/firstcom

AMIGA REPAIR CENTRE

We offer a FREE quotation on your Amiga or any peripheral (monitors, printers etc). A delivery tariff of just £5.00 is charged or alternatively you can visit our showroom. We can also arrange a courier pickup at an additional cost of £11.00.

EASY ACCESS FROM M62, M1 and the A1

From M62/East join M1 follow signs onto M621. Take A643 Elland Rd turnoff from M621. Follow signs for A58. This merges with the Armley gyratory. From M62/West junction 27, A62 to Armley gyratory. From the A1 take the turnoff for A64. This merges with the A58 (by-passing town centre) which meets Armley gyratory.

Hardware

Down in Price

AMIGA A1200 MAGIC PACK

Now Only!! £379.99

Includes, Wordworth V4SE, Datastore, Organiser, Turbocalc 3.5, Personal Paint V6.4, Photogenics 1.2SE, Pinball Mania & Whizz.

Amiga Magic Pack+ 170Mb HardDrive

Only!! £489.99

Includes same software pack as Magic Pack, But also includes Scala MM300.

AMIGA A4000T

MC68040-25 Mhz £2179.99
MC68060-50 Mhz £2469.99

- 6Mb RAM expandable to 2 Gig max.
- 1.2Gb SCSI-II Hard Drive
- AGA chip set
- Workbench 3.1
- 1.7Mb 3.5" Floppy Drive
- 4 Channel Stereo
- Scala MM300 Pre-Installed

First Starter Pack

All for only £19.99

- A1200 dust cover
- 10 x DSDD disks + labels
- Top quality joystick
- Deluxe mouse mat
- 3 x A1200 games

Chaos Software Pack
Pack consists of Nick Faldo's Golf, Pinball Fantasies, Syndicate, Chaos Engine
Only!! £19.99

AMIGA M1438S Monitor Only!! *£279.99 When bought with a computer

New Low Price

CD ROM Drives

aiwa ACD-300

- Large LCD operation panel
- SCSI-2 interface
- 300k/sec data transfer, 275ms access time
- Audio CD dedicated operation buttons
- Supports Kodak multisession photo CD

FREE!! PRIMA Shareware CD ROM valued at £9.99, with every order for the AIWA ACD-300 drive.

"This is the best Dual Speed CD-ROM I've ever seen" Dave Taylor Amiga Shopper 90% Sept 95

ONLY!! £165.99

CD repair kit + 100 Capacity CD storage box only!! £10.99

Wide range of CD & CD32 software always in stock

Squirrel SCSI-II Interface *£45.00
*When bought with any HD/CD ROM drive, £54.99 if bought separate

GVP 4008+ H.D./RAM card £99.99
SCSI II interface card for big box Amiga's.

Overdrive

2 speed CD ROM fits via PCMCIA slot, no interface req.

£175.99

SCSI Enclosures

PRIMA

These cases are suitable for housing any internal SCSI device, eg CD Roms etc.

Single Case £69.99 Dual Case £89.99

Full range of SCSI cables always in stock

NEW!!

RENO Portable CD

Prima shareware CD ROM Valued at £10 free with Reno drive

Requires SCSI controller, eg Squirrel, GVP etc.

£129.99

- SCSI-2 interface
- 330k/sec data transfer,
- Battery or Mains powered
- Kodak multi-session CD
- Stereo headphones supplied
- 180ms Access Time
- Audio CD operation buttons

Internal SCSI CD ROM drives

NEC 6Xi 6 speed Only!! £292.99

- 900kb/s transfer rate
- SCSI-2 interface
- 145ms access time
- Cache memory 256kb

Sanyo CDR H94A x2 Speed £125.99
Toshiba 5201B x3.4 Speed £158.99
Panasonic CR504B x4 Speed £189.99

Hard Drives

3.5" Hard Disk Drives with A1200/600 install kit

(We recommend 3.5" drives be fitted by qualified computer engineers)

inc. software, cables and instructions

420Mb..£150.99 540Mb...£184.99
850Mb..£199.99 1.05 Gig...£245.99

3.5" Hard Drive upgrade kit £18.99
Includes set up software, cables and full instructions, no Hard Drive.

New External Hard Drives for all SCSI aware Amiga's

500Mb £199.99 1.0Gig £299.99

Inc. High quality SCSI-II drive, Int. PSU, SCSI ID selector, Cooling fan and HD prepping/partitioning software. Requires SCSI interface, ie. Squirrel/GVP

2.5" Hard Drives for A600/ A1200 with installation kit

inc. software, screws, cables and instructions

Seagate FUJITSU CONNER

80Mb.....£89.99 130Mb..£109.99
170Mb..£114.99 250Mb..£129.99
340Mb..£179.99 510Mb..£254.99

Quantum TOSHIBA

All drives supplied by The First Computer Centre have a minimum 12 month warranty and are tested to ensure 100% compatibility.

Monitors

AMIGA M1438S Amiga Branded Monitor

Same specification as the Microvitec 1438, but also has built in Stereo

£299.99

Microvitec Autoscan 1438

.28 dp, 15/38 KHz, all Amiga modes, AGA compatible. No audio, tilt & swivell stand.

*A1200's require an adaptor £6.99

£274.99

Amitek 1084 S £199.99

14" Colour CGA Stereo Monitor, Composite Video, Digital RGB, Analog Inputs.

Disk Drives

NEW!! NEW!! NEW!! NEW!!NEW!!

Zip Drive

- Includes: £189.99
- HISOFT Zip Tools
- 1 X 100Mb cartridge
- SCSI interface required.

* Additional 100Mb Zip cartridges £13.99

NEW!! NEW!! NEW!!

AMITEK 1.76Mb External Drive Only £84.99
The Ultimate Amiga Drive

Amiga External drive £49.99
A1200/600 internal drive £39.99
A500/500+ Internal drive £39.99
A4000 replacement drive £89.99

Peripherals

New Mega Mouse+ 400 dpi (3 button)	£12.99
Mega Mouse 400 dpi (2 button)	£11.49
Essential Mouse 400 dpi (2 button)	£10.99
New! Amiga mouse 560dpi (3 button)	£12.49
New! Soccer Mouse 400dpi	£19.49
AlfaData Crystal Trackball	£34.99
ZyFi-2 Speakers (8 watts/channel)	£26.99
ZyFi Pro Speakers (16 watts/channel)	£57.99
Roboshift (Auto mouse/j.stick switch)	£9.99
Amiga Modulator	£34.99
Amiga PSU	£34.99
Kickstart 2.04	£24.99
Kickstart 2.05 (for use in A600)	£24.99
CIA 8520A I/O controller	£18.99
68882 Co Pro 25mhz PLCC	£34.99
68882 Co Pro 33mhz PLCC	£39.99

Turbotech realtime clock cartridge £17.99 fits any Amiga

SupraFAXModem

SupraFAXModem 288

- Up to 115,200bps (v42bis)
- Silent & Adaptive Answer
- V34 Standard
- NComm Software
- Class 1 & 2 Fax
- Unique LCD Display
- Flash ROM
- 5 Year Warranty

only £199.99

Is it a bargain the size of a Hippo's Bum? - You Betcha!! - Amiga Computing Oct. 1994

New!! SupraExpress 288

Only £174.99

- Up to 115,200bps (v42bis)
- LED Display
- V34 Standard
- NComm Software
- Class 1 & 2 Fax
- 5 Year Warranty

28,000 Data/14,400 Fax

US Robotics

WE ARE PREFERRED USR DEALERS

Sportster 288

If you thought V32bis was fast try V34

only £193.99

Courier V34+

Dual Standard

V34, 28,800 BPS, BABT approved £287.99 33,600 bps.

SupraFAXModem V32bis

This modem has full 14400 baud. includes V.32bis, V.32, V.32bis, V22, V21, MNP2-5, V.42, V42bis, Class 1 & 2 commands, 9600/14400 Group 3 Fax. Includes free modem comms (not Fax)s/w & cable

only £134.99

Sportster Vi

New

This modem has full 14400 baud. includes V.32bis, V.32, V.32bis, V22, V21, MNP2-5, V.42, V42bis, Class 1 commands, 9600/14400 Group 3 Fax. Includes free modem comms (not Fax)s/w & cable

only £111.99

14,400 Data/14,400 Fax

Supra modems are not BABT approved, however they perform as well & often out perform BABT approved modems. Supra Modems have a 5 year limited warranty

RAM Expansion

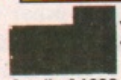
A1200 1 MB RAM Special price!!	£75.99
A1200 2 MB RAM	£119.99
A1200 4 MB RAM	£169.99
A1200 8 MB RAM	£284.99
A1200 1MB/33Mhz Co Pro	£109.99
A1200 2 MB/33Mhz Co Pro	£149.99
A1200 4 MB/33Mhz Co Pro	£189.99
A1200 8 MB/33Mhz Co Pro	£304.99

Memory Modules

1 Mb 72 Pin SIMM	£29.99
2 Mb 72 Pin SIMM	£69.99
4 Mb 72 Pin SIMM	£115.99
8 Mb 72 Pin SIMM	£225.99
16 Mb 72 pin SIMM	£399.99
1 Mb 30 pin SIMM	£29.99
4 Mb 30 pin SIMM	£119.99
256 by 4 DRAM (each)	£6.99

Part exchange available on your old memory, Call for pricing.

Accelerator Cards



Viper II 28 £119.99
Viper II 50 £199.99

Apollo A1232-EC50 £199.99
Includes 2 Simm Sockets, FPU Socket & R/T clock

Apollo A1220-28 £99.99
Includes 28Mhz 68882 Co Pro & R/T Clock

Falcon 68040
68040 RC
25Mhz
£499.95

A500/600 RAM Expansion

PRIMA A500 512k RAM no clock £19.99
PRIMA A500+ 1 Mb RAM £29.99
PRIMA A600 1 Mb RAM no clock £29.99

Printers

Canon

Canon BJ30 Portable mono printer, 30 page ASF built in.	£184.99
Canon BJC70Colour Portable colour printer, 30 page ASF.	£289.99
Canon BJ200ex High quality mono printer, virtual 720 dpi.	£207.99
Canon BJC4000Colour High quality colour/fast mono printing 360 dpi.	£289.99
Canon BJC600e Colour Enhanced colour printer, virtual 720 dpi.	£412.99
Canon LPB460 Laser GDI printer, 4 p/p/m, HP LaserJet II emulation.	£369.99

star MICRONICS

Star LC90 9 pin mono ASF built in, push tractor optional.	£107.99
Star LC100 9 pin Colour 180 cps draft, 45 cps NLQ, Amiga drivers.	£129.99
Star LC240 24 pin mono 192 cps draft, with ASF built in.	£123.99
Star LC240C 24 pin Colour ASF built in, 4 LQ fonts.	£145.99
Star SJ144 Colour Colour thermal transfer printer, low running costs, 3 p/p/m mono, 1.4 p/p/m colour.	£229.99

CITIZEN

All Citizen printers have a 2 year warranty

ABC Colour printer £145.99
Simple (as easy as ABC) to use 24 pin printer. Comes as standard with 50 sheet Auto sheet feeder. Tractor feed optional at £34.99

New!! Printiva 600c
- New Micro Dry print technology
- 600 dpi Colour/1200 dpi mono
- Amiga drivers provided

£399.99

HEWLETT PACKARD

New! HP340 Portable Colour upgradeable portable printer	£224.99
New! HP600 Colour upgradeable mono ink jet/ Col. Kit £41.99.	£242.99
HP 660 Colour New colour inkjet from HP.	£319.99
HP850 Colour 600x600 dpi up to 6 p/p/m mono, 3p/p/m colour	£429.99
New! HP 5L Laser printer 4 p/p/m 600 dpi	£449.99
New! HP 5P Laser printer 6 p/p/m 600 dpi	£715.99

EPSON

New!! Stylus Colour II 720 dpi, 4ppm Black, 2ppm Colour.	£335.99
New!! Stylus Colour IIs 720dpi, 2.5ppm Black, 1ppm Colour.	£270.99
New!! Stylus 820 720 dpi, 2.5ppm Black, Colour Upgradeable.	£234.99
New!! Stylus Pro 720x720 dpi, Photo-Real quality output.	£499.99
EPL-3000 Laser Printer 4ppm, 300 dpi, 1Mb memory, 150 sheet ASF	£439.99

The perfect accompaniment for a high quality colour printer

NEW! GTX-5000 colour flatbedscanner ONLY!! £439.99

We would be happy to quote you on any make or model of printer that may not be listed.

Miscellaneous

Printer Switch Box 2 way	£12.99
Printer Switch Box 3 way	£17.99
Printer Stands (Universal)	£4.99
1.8 Metre printer cable	£4.99
3 Metre printer cable	£6.99
5 Metre printer cable	£8.99
10 Metre printer cable	£12.99
Parallel port extension cable	£9.99

Consumables

Ribbons

Citizen Swift/ABC mono	£3.99
Citizen Swift/ABC colour	£12.99
Star LC90 mono ribbon	£4.99
Star LC10/100 mono	£3.69
Star LC10/100 colour	£7.99
Star LC240c colour	£13.99
Star LC240c mono	£8.99
Star LC240 mono	£5.99
Star LC24-10/200/300 Colour	£13.99
Re-Ink Spray for mono ribbons	£11.99

We stock a wide range of consumables for all printers Lasers, Dot Matrix and Inkjets old and new.

PREMIER-INK Cartridge Refills

Save a fortune in running costs with your ink/ bubble jet. Compatible with the HP Deskjet series, Canon BJ10/20/80/130/200/300/330, Star SJ48, Citizen Projet and many others.

Full range of colours available.

Single refills	(22ml)	£6.99
Twin refills	(44ml)	£12.99
Three colour kit	(66ml)	£19.99
Full colour kit	(88ml)	£27.99
Bulk refills	(125ml)	£24.99

Printer repair specialists call for quote

Ink Cartridges

Canon BJ10/Star SJ48	£19.99
Canon BJ200/230	£19.99
Canon BJ30 (3 pack)	£13.99
Canon BJC 70 mono (3 pack)	£12.99
Canon BJC 70 colour (3 pack)	£16.99
Canon BJC 4000 colour (single)	£16.99
Canon BJC 4000 mono (single)	£7.99
Canon BJC 4000 mono high cap.	£28.99
Canon BJC 600e mono high cap.	£10.49
Canon BJC 600e colour	£8.99
HP.Deskjet colour	£26.99
HP. Deskjet double mono	£24.99
HP. Deskjet 660 double mono	£25.99
HP.Deskjet 660 colour	£27.99
Epson Stylus mono	£15.99
Epson Stylus colour	£36.99
Epson Stylus Col. II/S/820 Mono	£17.99
Epson Stylus Col. II/S/820 Colour	£24.99
Epson Stylus 820 colour upgrade	£94.99
Star SJ144 mono/colour (single)	£8.99

Covers

All printer dust covers £5.99

Paper

Fanfold (tractor feed) 500 sheets	£4.99
Fanfold (tractor feed) 1000 sheets	£8.99
Fanfold (tractor feed) 2000 sheets	£17.99
Single sheet 500 sheets	£4.99
Single sheet 1000 sheets	£8.99
Single sheet 2000 sheets	£17.99
Epson Stylus 720 dpi paper pack	£12.49

Disks

Bulk DSDD		
	10 x £3.49	100 x £29.99
	30 x £9.99	200 x £54.99
	50 x £15.99	500 x £118.99
Branded DSDD		
	10 x £4.99	100 x £35.99
	30 x £12.99	200 x £63.99
	50 x £25.99	500 x £142.99
Bulk DSHD		
	10 x £3.99	100 x £33.99
	30 x £11.99	200 x £59.99
	50 x £17.99	500 x £134.99
Branded DSHD		
	10 x £5.99	100 x £47.99
	30 x £15.99	200 x £84.99
	50 x £25.99	500 x £190.99
Disk labels x500		£6.99
Disk labels x1000		£9.99

Rombo

Quantum / rombo

VIDI Amiga 12
Entry level Amiga video capture system

- Composite & SVHS inputs.
- All modes inc, HAM & 256 col.
- Image processing effects.
- Compatible with all Amiga's

£64.99

VIDI Amiga 24 (RT)
Colour Real Time Amiga video capture system

- Composite & SVHS inputs.
- Time Lapse remote grabbing.
- BMP,TIFF & PCX File Support.
- Load/Save 24 Bit ILBM & Anims

£139.99

VIDI Amiga 24 (RT) Pro
Professional Colour Real Time Amiga video capture system

- Composite & SVHS inputs.
- 16.7 million colour grabbing.
- BMP,TIFF, PCX, ANIM, ILBM.
- Processing controls & effects

£224.99

Genlocks

hama

Genlock 290
- Full fading of mixed graphics
- 2 ergonomically designed fader
- High quality output signal
- Independent power supply

£639.99

Genlock 292
- Full fading of mixed graphics
- Fade to black of output signal
- Demonstration software inc.
- Independent power supply

£264.99

A-Cut
- Video edit controller
- Works on Kickstart 2.0 and above
- Scenes defined, sequenced/exchanged
- Independent power supply

£164.99

Fusion Genlock
- Comes with Scala HT100
- 92% Amiga Shopper June 95
- Composite only Genlock

Only!! £95.99

Entry level Genlock

Graphics

New!! Epson GT-5000
- A4 Flatbed scanner
- 300 dpi optical scan resolution
- Inc. PC Editing & OCR software

£437.99

Note: The Amiga range of computers req. additional driver software and a Bidirectional parallel cable.

EPSON scanners

Art Department Pro Scanner Controller

Inc.
- Bidirectional Parallel cable
- Amiga driver software
- Total WYSIWYG control
- Can be used without Art Dept Software

With Scanner **£89.99** Without Scanner **£99.99**

- If cable req. separately £39.99

The amazing new graphics tablet for the Amiga developed with First Computer. 94% rated in Amiga Shopper. Requires 2.04 WB or above.

Power Scan v4. £89.99
256 g/scale on AGA Amigas, 64 g/scale non AGA

Power Scan Col. £174.99
24 bit colour scanner, 16.7 million colours

Graphics Software

Brilliance 2.0
Paint & Animation package

£49.99

D Paint V
Award winning Paint & Animation package.

£59.95

Art Department Pro.
Image processing software

£129.99

Scala MM211

£139.99
- MM300 £224.99
- MM400 £274.99

Photogenics v1.2
24 bit graphics manipulation

Special offer
only!! **£47.99**

New!! Cinema4D £169.99

Music

AURA £74.99
12/16 bit stereo direct-to-disk PCMCIA sampler

Mega-Lo-Sound
8 bit direct-to-disk sampler

Great value at only **£25.99**

ProMIDI Interface

- MIDI in, MIDI thru & 2 x MIDI out
- Compatible with all MIDI software

only!! £19.99

- 2 x 3metre MIDI cables £9.99

Technosound Turbo 2 Pro
8/12 bit Stereo Sampler plus many more advanced features

A bargain at only **£27.99**

INTERSOUND

Only a few available Intersound professional sampling software for A500/2000/3000. Requires Kickstart 1.2 or above & 512k RAM.

£5.99

Got to be worth a look at only

Also Stereo Master £14.99

Audition 4 digital sound editor £19.99

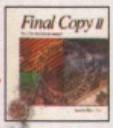
Wordprocessing

Final Writer 4
Word Processor/Publisher

Latest version of this award winning software

only!! £72.99

Final Copy II
Word Processor



Full featured software just requiring an extra floppy drive, to work on all Amiga's Kickstart 1.3 or higher

£47.99

Mini Office
Integrated Package

- Wordprocessor
- Spreadsheet
- Database
- Graphics
- Disc Utilities

£38.99 All in one package

Wordworth 3.1se
Word Processor

- Req 2Mb RAM & 1 disk drive

£54.99

Also **Penpal £29.99**

Kindwords 3 £24.99

Home Office

SuperBase Personal 4
Relational Database

£99.99

Pro version **£149.99**

Twist 2
Relational Database
- Requires Workbench 2.1 or above & 2Mb of memory

£74.99

Also

Final Data 3 £39.95

Spreadsheets

Final Calc £94.99

Turbocalc 3.5 £47.99

Maxiplan 4 £24.99

Home Finance

Money Matters 4 £49.99

Maxon Magic
£25.99
Screen Utils. Requires 1Mb RAM 2 floppy drives

Opus 5 £49.99
The best file management system around

Miscellaneous

Vista Pro 3
Landscape Artistry software

Accurately recreate and explore real world landscapes in vivid detail

Also
Makepath £8.99
Terraform £8.99
Vista Pro 3 Lite £24.95

£27.95

Distant Suns 5
Desktop Planetarium

Req. Kickstart 2.04 or above 2Mb of RAM and a Hard drive

£27.95

Studio 2 £49.99

Print software for optimised performance

GP Fax £49.99

Use your Amiga modem as a fax machine

Amiga on-line Ref. £6.99

An essential aid to Amiga computing. All the AmigaHelp files on disk, HD installable. 80% rated in CU Amiga.

Clarity 16 £89.99

- Real Time effects
- MIDI functions
- Sampler Sequencer
- Enhanced editing
- Works on all Amiga's

Pro Draw 2.0 £59.99

CD-32 Games

Alien Breed 3D	£24.99
Baldie	£24.99
Blitz Bombers	£24.99
Chaos Engine	£24.99
Exile	£24.99
Fears	£24.99
Gloom	£24.99
Gloom Deluxe	£24.99
Jetstrike	£14.99
Liberation	£29.99
Lost Eden	£24.99
Microcosm	£39.99
Morph	£24.99
PGA Euro Tour	£24.99
Rise of Robots	£29.99
Star Crusader	£24.99
Sup.league Man.	£24.99
Super Skidmarks	£24.99
Subwar 2050	£24.99

Top 20 Games

Akira	£24.99
Alien Breed 3D	£24.99
Combat Classics 3	£29.99
Dawn Patrol	£29.99
Dungeon Master II	£29.99
Exile	£24.99
Fears	£24.99
FIFA Int. Soccer	£24.99
Flight/Amaz. Queen	£24.99
Gloom	£24.99
Pinball Mania	£24.99
Player Manager 2	£16.99
Premier Manager 3	£14.99
Sens.World/Golf	£24.99
Sens.World/Soccer	£24.99
Sim City 2000	£24.99
Theme Park	£24.99
Sup. Street Fight 2	£29.99
Ult. Soccer Man.	£24.99
Virtual Karting	£19.99

Amiga CD ROM Software

New!! 17 Bit The 5th Dimension	£17.49	Grafix Sensations	£17.49
17 Bit Collection (Double)	£28.99	*New!!* Groliers Encyclopedia 2	£25.99
17 Bit Continuation	£14.49	Illusions in 3D	£8.99
17 Bit Phase 4	£14.49	Light ROM	£29.99
17 Bit/LSD compendium 1 or 2	£16.99	Light Works	£29.99
New!! 17 Bit/LSD compendium 3	£16.99	Magic Illusions	£11.49
Adult Sensations II (Over 18's)	£17.99	*New!!* Meeting Pearls 3	£8.99
New!! Aminet 8 or 9	£14.49	MultiMedia ToolKit 2 (2xCD's)	£27.99
Aminet collection (Aminet 1-4)	£24.49	*New!!* Network 2 CD	£12.49
New!! Aminet collection 2 (Aminet 5-8)	£24.49	*New!!* NFA AGA Experience	£17.99
New!! Amos Users CD Ver 2.	£16.99	*New Price!!* Prima CD Vol. 1	£9.99
Animations (Double)	£17.49	*New!!* Sci-fi Sensations	£17.99
New!! Assassins 2 (Double)	£17.49	Space And Astronomy	£16.99
BCI Net 2	£8.99	*New!!* Speccy Sensations II	£17.49
New!! C64 Sensations	£16.49	The Beauty of Chaos	£13.49
CAM (Double)	£22.49	Ten on Ten pack (10xCD's)	£37.99
Almathera CDPD 1,2,3 or 4	£8.99	*New!!* UPD Gold CD (4 x CD's)	£27.99
Demo CD 1	£8.99	*New!!* World Of Pinups 2	£14.99
Demo CD 2	£8.99	WPD Hottest 5	£17.99
New!! Euroscene 2	£11.99	Weird Science Fonts	£8.99
Fractal Universe	£17.49	Weird Science Clipart	£8.99
Fresh Fish 10	£17.49	Weird Science Animation	£16.99
New!! Global Amiga Experience	£17.99	*New!!* World Info 95	£34.99
GoldFish 1	£24.49	*New!!* XiPaint V3.2	£49.95
GoldFish 2	£24.49	*New!!* Zoom	£18.99

FREE!! Prima Shareware CD-ROM worth £10 with every order of CD-ROM software over £30

CD-32 Console

Amiga CD-32
Critical Zone pack

Includes:
Following CD titles, Cannon Fodder, Diggers, Liberation, Microcosm, Oscar, Project X and Ultimate Body Blows

Only £179.99

Furniture

Bulldog
Authorised Reseller

Special Introductory offer

Computer Desk & Chair
Only £89.99 Call for Info.

House your Computer, Printer & consumables in one compact area, slide away keyboard shelf, choice of colours. Chair with height ajustable seat and back.

Optonica Ltd.

Appointed Distributor

InfoNEXUS 2 £24.99

M.M. Experience £34.99

M.M. Experience Pro £229.95

INSIGHT Dinosaurs CD £17.99

INSIGHT Technology CD £17.99

Info.

The First Computer also stock a wide range of PC, Acorn and Atari Hardware, Software and Peripherals all at unbeatable prices. So call for all your computing needs.

LOMBARD TRICITY FINANCE LIMITED

Low rate finance available

Sensible World of Soccer 95/96

■ Price: £24.99 ■ Publisher: Warner✆ 0171 391 4300

The best football game ever... bested? Shurley shome mishtake. CU Amiga's Sensi pilgrim investigates.

▲ A particularly helpful new feature is the ability to tag players so you know who they are at all times.

When I'm not sitting by the phone waiting for Commander Dykes to call with my next top secret CU assignment, I lead a second life. In between each Amiga games release (i.e. those occasional two month breaks – watch it Broughton – Ed) I muck about with Sony PlayStations for another of EMAP's magazines. Now even though you may have seen these 'wonder machines' on various games programmes and in magazines over the last few months, for all its incredible polygon manipulation and breath-taking 3D, it still has yet to produce a product to impress me more than that all-time classic – *Sensible Soccer*.

When SWOS first appeared, even it took a while to really step ahead of the original *Sensi* as far as we were concerned. This was partly because of loyalty, but mostly because, when you get a game that's very close to something you know so well and yet contains so many changes, it's hard to accept and adapt. Of course we did in the end, and SWOS became the standard version of the game, but then along comes this 95/96 business. Not only does it feature the updated team line-ups that we've all been gagging for, but also changes to the actual arcade section of the game. This, as any *Sensi* fan will tell you, is an incredibly dangerous thing to do. Fortunately, the way these new features have been slotted into the existing game makes it a 'take it or leave it' affair.

▲ A striker with HFS after his name means that he excels at heading, finishing and shooting . Just the job.

The big match

So you've loaded up the game. What's changed? Well, apart from a gorgeous new purple background there's nothing that particularly catches your eye. Until, that is, you select a national team for a quick friendly, and ... MY GOD, IT'S FULL OF STARS! Yes, gone are those lifeless team selections, replaced with a star rating system not unlike those used in the *Premier Manager* games. It's hard to say how accurate these rating are because, fairly obviously, being in the national team, all of the players are of a high calibre anyway. Gazza gets five stars, but it's still mostly down to your skills on-pitch as to whether he'll score every time.

▲ In the new updated version the crowd now leaps around waving scarves and jumps up and down – the usual football supporter type stuff.

And it's easy to tell who's scored now, thanks to the name of the player currently on the ball being displayed above the time display. This also helps when you find some super-fast player against you and want to know who it is in readiness for approaching the transfer market.

Another helpful new feature includes being able to 'tag' players with a hi-lighting diamond during play. This means that, should you fancy, say, Ian Wright, you can tag him and then watch an Arsenal game, safe in the knowledge that you'll know which player he is at all times. Ah, but now I'm getting into the management side of the game and that's where things really have changed.

Each player (apart from having been updated to their new clubs with their new fees) carries three specialist statistics. A striker showing the letters HSF is particularly proficient at Heading, Shooting, and Finishing. This also helps when scouting players, as you know whether you're getting an accurate passer with good control and speed (PBV) or one more likely to win tackles and headers and then have a crack up the field (HTS). This is very helpful when trying to build a well-rounded side.

Another new feature is the inclusion of brand new trial players

▲ The guys in this updated version are much tougher and clever than the earlier version.

▲ Standing headers are another new feature which makes the game even more flexible and enjoyable.

and reserves. You can even create an entire 'B' reserve team that can be used to train new comers in friendlies against your A team (and no, B.A. and Face aren't in it.).

Nitty gritty

All said and done, though, none of this matters unless you can still play the game and I know you're desperate to know how that's changed. Well, as soon as you get to the pitch you can see a few differences. The crowd now animates, waving scarfs, and jumping up and down, and there's also the aforementioned player names in the top left corner. After a goal the scoring team run back to the centre spot waving their arms enthusiastically, and at the end of an important match (such as semi-finals) the teams stand in celebratory circles or flop into disappointed heaps depending on their point of view. Oh yes, and the advertising boards rotate in a realistic fashion. Hurrah.

And so we come to the match itself. Well everything is fine and groovy, apart from the fact that, if I'm not very much mistaken, the CPU logic has been tweaked, and these teams DO NOT play like the old guys! They are tough and clever. Approach for a tackle and they'll happily play it right back up the field to make a stronger attack. Scary stuff indeed.

After-touch is now available after passing. This works well, as it means you can pass, but pass a curving ball in front of the receiver, thus causing them to run into space. Very nice, and a realistic inclusion. Also on the passing front, you can snap the joystick into the centre to ensure the receiving player stand still to collect the ball. Both of these seem very subtle changes but once incorporated into your usual play, are tasty extras.

The only other major feature to tell you about is the new standing headers. This basically means that you can get players to jump up to the ball and then direct (with the joystick) the header in the desired direction. This isn't always easy to execute in frenzied play, but it avoids committing players to valuable seconds face down in the mud should they miss.

And there we have it — an excellent update indeed. One can't help but feel that perhaps the original SWOS should have been this polished first time round, but considering most people will want this if only for the updated teams, I won't harp on about bugs and such. It doesn't dramatically overshadow the original, but it's still the best footy game around. ■

Matt Broughton

▲ Taking control of Arsenal Matt Broughton deliberates over his team.

SWOS 95/96

A500	■ workbench version.....1.3+
A500+	■ number of disks 2
	■ RAM.....1Mb
A600	■ hard disk installable .....No
A1200	graphics..... 84%
	sound..... 83%
A1500	lastability..... 95%
	playability 94%
A2000	OVERALL
A3000	Still the best football game ever! **94%**
A4000	

Super Tennis Champions

Price: £24.99 ■ Publisher: Audiogenic ✆ 0181 424 2244

Tennis games have had a sort of hiatus on Amiga, so the time is right for something new. Enter Loonysoft, or Madware, or something ...

We share an office with a bunch of lovable misfits called Nintendo Magazine System. Normally they stick to their toys and we stick to real computers but one day while yours truly was playing this game an NMS bod approached, "Oy, is that *Smash Tennis*?" he said. Nope. It's *Super Tennis Champions*, though at first glimpse you'd be forgiven for asking the question.

Some time ago a Super Nintendo game called *Smash Tennis* (produced by Namco and known in Japan as Super family Tennis) was all the rage, interrupting work on both NMS and our own mag as matches were arranged and reputations were raised and thrashed. I'm not sure if this was what the developers, Mental Software, intended but the similarities are striking, and since *Smash* was a superb game this is not a bad thing.

▲ There are grass, clay and hard courts to choose from, each with their own characteristics.

▲ Synex demonstrates the serving animation. Nice backswing, good foot placement, nice throw ....

Super Tennis Champions has all the usual options as far as tennis games go: you can choose players, choose type of surface (hard, grass, clay), choose between singles or doubles play, the amount of sets and between friendly or championship matches. The latter allows you to enter singles or doubles leagues, a singles tournament in either Australia, the UK, the USA or France or a Grand Slam which takes you on a circuitous tour of the world's tournaments.

Four ...

One of the features we really liked about *Sensi Golf* was that you could invite lots of friends around for a tournament and, with up to 16 players allowed in the singles tournament, *Super Tennis Champions* has the same advantage. In fact up to four humans can play at the same time! You can also save out a league or tournament so that new rankings can be recorded and you can go back to beating the hell out of your friends at a later date.

Four player mode is only possible, needless to say, in doubles play and with a parallel port joystick adaptor. Ours has mysteriously disappeared (jumped off the edge of a cliff for lack of support most likely), so we weren't able to test this feature, but there's no reason why it should be anything less than a real hoot.

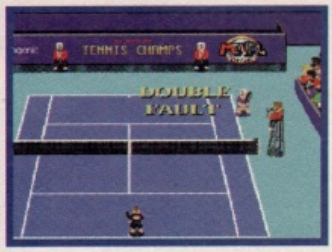
Super Tennis Champions allows you to choose from 16 characters on a first name basis. Each character has strengths and weaknesses in the areas of speed, finishing and determination but they all look wild. A sense of humour was employed by the artist here because we have every possible weird combination of haircut and clothes. From Synex with his shades and cool baseball cap to Roger the Nigel Mansell lookalike and Julius, without doubt one of the Jackson Five's backing band or at least a one time member of Funkadelic.

Love ...

Little animation touches like players skidding to a halt at cartoon-style angles and very convincing serving stances add character to *Super Tennis Champs*. However, while the 'celebration' animation (when a point is won) is very good, what's supposed to pass as 'throwing a tantrum' when one loses a point is very poor. This involves the player hunching up and shaking their tennis racket. It

Just Some Of The Characters

▲ Although you can choose from four locations for a tournament, I'm sticking to sowf Lunnon mate.



▲ Not all computer players are effective. Buzz (with the Mohican cut) has a tendency to double fault.

should have involved jumping up and down at least and probably a two finger salute to round things off nicely. Indeed, having added these two animations in the first place it would have been nice for Mental Software to give us a bit more variety. But I'm really clutching at straws here, just to play devil's advocate, because the overall standard of animation is fine.

The scrolling that exists in *Super Tennis Champions* is there to give the game a bit more animation and TV commentary-style movement. This can be turned off so that the court remains static, otherwise it runs in fast or slow modes. I favour slow.

Sound is impressive too, with a zippy little theme tune and excellent, if sparse, crowd, linesman and beeper samples.

Development versions of *Super Tennis Champions* had irksome disk swopping procedures and what seemed like a phenomenal amount of waiting time before anything would happen. Now it's been squeezed onto a single disk for release these problems have been solved.

Game, set ...

To say we liked *Super Tennis Champs* here in the office would be understating things. We loved it. Competition got fierce for a few days but we ended up with an unexpected outside winner who managed to thrash the lot of us: our designer Anthony Collins. Both one and two player modes are brilliant fun and the fact that you have the choice of one, two or six button control (this game is a very good reason to upgrade to a joypad) means that precise control can be gained over the the various types of shot. Shots can be lobbed and include topspin and slices.

Serving is another area where *Super Tennis Champs* comes into its own, with the option of Pro or Easy serves. If you select Easy serves then a target will appear showing you where you are aiming. All you have to do is press the fire button twice: to throw and hit the ball. In Pro mode it's up to you to aim and curve the ball wherever you can. This can be difficult at first, but soon becomes second nature, daring shots becoming aces.

Super Tennis Champions does have its annoying let downs. Although player characteristics can be turned off, some of them are a bit duff. I don't mind missing shots because I read the game the wrong way, I don't mind hitting the net because I didn't put enough height into the shot, it's just that the players seem to be too slow. This wouldn't be a problem if you could dive for shots or hit them on the run like *Smash Tennis*. Even with all the inaccuracy problems these options would cause I would prefer to have a wild go, rather than just fail to reach the right spot and hit the ball. Half of the excitement is in trying and since this game obviously has a cartoon element and a sense of humour these features would have added extra oomph.

Gripes aside it's the only new tennis game available at the moment, it's great fun and highly addictive. But we'll save the last words for our champ, Anthony: "After initial control problems with the pro serve, my biggest worry was finding someone who could give me a good game, other than Synex and the computer". The big headed git. ■

Alan Dykes

SUPER TENNIS CHAMPIONS

A500
A500+
A600
A1200
A1500
A2000
A3000
A4000

- workbench version.....1.3+
- number of disks 1
- RAM.....1Mb
- hard disk installable .....No

graphics..... 88%
sound..... 84%
lastability..... 91%
playability..... 85%

OVERALL
Great lastability overcomes minor frustrations.

85%

Subscribe to CU AMIGA NOW!

Normal retail price £51.00 ... You save £17!*

GET 12 ISSUES FOR THE PRICE OF EIGHT! SAVE £17.00!*

HOW TO ORDER

Tick which box applies to you on the form opposite, then fill in the rest of the form and send it along with payment to: CU Amiga Magazine subscriptions department, EMAP Consumer Magazines, FREEPOST (LE5981) Leicester LE87 4AB. (Free postage within the UK only)

Or call the subscriptions Hotline on 01858 468888

(9.00am to 5.30pm)

*12 FOR 8 OFFER OPEN TO UK RESIDENTS ONLY

CU AMIGA SUBSCRIPTION ORDER FORM

Please enter my subscription to CU Amiga Magazine.
Please tick/delete as required.

RATES - 12 issues including postage

- ❑ **£34.00 UK 12 ISSUES FOR PRICE OF EIGHT (*UK only, source code: IA1i)**
- ❑ **£57.60 REST OF WORLD SURFACE MAIL**
- ❑ **£66.15 EUROPE/EIRE AIR MAIL**
- ❑ **£91.90 REST OF WORLD AIR MAIL ZONE 1**
- ❑ **£91.90 REST OF WORLD AIR MAIL ZONE 2**

METHOD OF PAYMENT

❑ Cheque/Postal Order/International Money Order payable to EMAP Images Ltd

❑ Access/Visa number ..... Expires ...../.....

Signature:.....Date .....

Name:.....

Address:.....

.....Postcode: .....

IMPORTANT: 12 issues for the price of 8 offer available to UK residents only. Please allow 28 days for fulfilment from receipt of order.

❑ Tick this box if you do not wish to receive any direct mail that EMAP Images Ltd feels may be of interest to you.

Offer closes 19th January 1996 Offer source code:IA1r

Note: Zone 1: Middle East, Africa, USA, South America, Hong Kong, Singapore, Pakistan, Indonesia; Zone 2: Australia, China, Japan, Pacific.

ocean

PC, PC CD-ROM, MAC, AMIGA, MEGA DRIVE, SNES,
PLAYSTATION, SATURN, CD32, JAGUAR, GAMEBOY.

TEAM 17

WORMS
they've turned

Ever felt like mercilessly blowing away your bank manager, tax collector, teacher, brother, sister, best friend, worst enemy or Jeremy Beadle?

Now you can, with Worms, the game of the year from Team 17 and Ocean.

It's totally pointless violence and totally addictive gameplay. Perfect.

What's it all about?

Well, rather like the morning after a really hot curry, the feeling is impossible to explain. You simply have to experience it.

So no matter what else you do today, get hold of a copy of the playable PC demo of Worms and blast away. Who knows, maybe you'll have the World's hardest worm.

© TEAM 17 1995

WORMS PLAYABLE PC DEMO - http://www.team17.com/

COLOUR KITS for MONO PRINTERS

Ever wished you'd bought a colour printer instead of a mono one? Wouldn't it be nice to print out pictures in colour? Now you can with Amiga "Flexicolor Kit". Each Amiga Flexicolor Kit comes complete with everything you need to print in colour, including superb software. The colour kit is simple to use, the ribbons fit exactly the same way as your black ribbons so it will not affect your guarantee. Also on all models listed below paper alignment is automatic, you do not have to manually align. PRINTS AS GOOD AS COLOUR PRINTER. If your printer is not listed below please phone. Amiga Flexicolor kits for Star LC10, LC20, all Star 24 Pin Panasonic 1080/81/1123/1124. Epson FX80, FX100, LQ800 etc. Citizen 120D+, NEC P6, P6+. Please note colour kits come complete with coloured ribbons.(Anti Banding now included in software)

COMPLETE KIT £39.95

FLEXIDUMP 3

A large range of printer ribbons & reloads always in stock

NO MORE BANDING
NO MORE WHITE LINES
COLOUR GRAPHICS LIKE
YOUVE NEVER SEEN BEFORE

Yes its true the new flexi 3 will remove banding & white lines from dot matrix & bubblejet printers
Now you can have laser quality on dot matrix printers.

Other new features include:-

*Balance control for picture enhancement * Select area to be printed*Select size to be printed*Page Control*Colour Seive * InkCorrection*Automatic poster mode for larger than A4 * Gamma correction * Spooler for colour letter heads etc * Colour seperation * Now with Anti-Aliasing to get rid of jagged edges*Large range of dithering (dot pattern) * Variable levels of shingling to totally remove banding / white lines.* Colour catalogue function will print a minature of each picture. Configarable between 1 to 8 accross. * Star, Citizen, Panasonic, NEC, Epson, Cannon, Hewlett Packard and just about any dot matrix or inkjet bubblejet/Laserjet printer.

ONLY ~~£39.95~~ CARE SPECIAL £29.95
UPGRADE FLEXIDUMP TO FLEXIDUMP 3, ONLY £14.95 INC. RETURN MASTER DISK

MISCELLANEOUS

Mouse House	£2.99
Mouse Mat	£3.99
2 Piece Priner Stand	£5.99
Parallel Printer Cable	£3.99
3.5 Digital Cleaning Kit	£2.99
100 Cap Lockable 3.5 Disk Box	£12.99

COLOUR PRINTER RIBBONS

Just take the top off, take out the old ribbon and reload it with a new one. Full instructions supplied.

	Complete Ribbon	One Reload	Five Reloads
Citizen Swift/ABC/224	£11.95	£6.99	£29.95
Panasonic KXP2123/2124/2180	£9.99	£6.99	£29.95
Panasonic KXP2135	£9.99	£6.99	£29.95
Star LC200 9 Pin	£9.63	£5.99	£23.95
Star LC24-10/20/200	£9.63	£6.99	£29.95
Seikosha SL95	£14.95	£6.99	£29.95
Star LC24-30/LC240	£8.99	£4.95	£19.99

INKJET REFILLS

For HP DESKJET 500,510,520,550,500C,500C,550C,560C
EPSON STYLUS 800,1000, CANNON BUBBLEJET, BC-01, BJ105/EX/SX, BC02,BJ200,BJ130,BJ300,BJ330
OLIVETTI JP150,250,330,CITIZEN PROJECT
6 Refill Kit 120ml pure black £16.99
CANNON BJC 600, BJC400
20 Refill Kit 120ml pure black £16.99
EPSON STYLUS four refils 120ml pure black £16.99
TRICOLOUR REFILL KITS FOR: HP Deskjet range, Canon BJC600, BJC4000 etc 10 Refills of Yellow, Magenta & Cyan 180ml £24.99
EPSON STYLUS TRICOLOUR refill, 2 refills of Yelow, Magenta & Cyan 180ml £24.99
Print Head Recovery Fluid for unblocking nozzles £5.95

Important: **Please state type when ordering.**

SPECIAL RE-INK

For Panasonic 1080/81, 1124, 1180, 2123, 2135, Star LC200 9 Pin, Epson LQ100, Oki 182/390. Black bottle will re-ink 100+ ribbons £9.95

BLACK PRINTER RIBBONS

Just take the top off, take out the old ribbon and reload it with a new one.

Citizen Swift/ABC/120D 5 black reloads	£9.99
Star LC10/20/100 5 black reloads	£4.99
Star LC24 Range 5 black reloads	£9.99
Seikosha 1900/2400/SL95/96 5 black reloads	£9.99
Epson FX80/LQ800 Range 5 black reloads	£11.99
Star LC24-30/LC240 5 black reloads	£14.99

T-SHIRT PRINTING RIBBONS

PRINT ON NORMAL PAPER IRON ON T-SHIRT

4 Colour Citizen Swift/ABC/240	£19.99
4 Colour Citizen Swift (Reload)	£9.99
4 Colour Star LC10	£10.99
4 Colour Star LC200 9 Pin	£12.99
4 Colour Star LC200 9 Pin (Reload)	£7.99
4 Colour Star LC200 24 Pin	£19.99
4 Colour Star 24 Pin (Reload)	£9.99
1 Colour Star LC10	£9.99
1 Colour Star LC200 9 Pin	£9.99
1 Colour all Star 24 Pin	£9.99
1 Colour Epson FX80/LQ400/MX80	£9.99
1 Colour Epson LX80	£9.99
1 Colour Panasonic KXP 1080	£9.99

Wide range of other ribbons available.

How to order: Enclose cheques/PO made payable to: CARE ELECTRONICS or use Access/Visa

CARE ELECTRONICS

Dept CUA, 15 Holland Gardens, Garston, Watford, Herts WD2 6JN Fax 0923 672102

ORDER LINE ON 01923 894 064

ALL PRICES INCLUDE VAT AND CARRIAGE

LOWEST PRICED TOP QUALITY RIBBONS, INKJETS, TONERS & DISKS

Printer Ribbons

BLACK	1off	2+	5+	10+
Amstrad DMP 2000/3000	2.80	2.65	2.45	2.25
Amstrad DMP 4000	3.66	3.51	3.31	3.11
Amstrad PCW8256/8512/LQ3500	2.85	2.70	2.50	2.30
Brother M1009/1024/1109/1209	3.90	3.75	3.55	3.35
Citizen 120D/LSP10/Swift 24/9	2.85	2.70	2.50	2.30
Commodore MPS 1220/1230	4.50	4.35	4.15	3.95
Epson LQ100	4.10	3.95	3.75	3.55
Epson LQ400/500/800/850	3.45	3.30	3.10	2.90
Epson FX/MX/RX80/FX/LX800	2.90	2.75	2.55	2.35
Epson FX/MX/RX100/F3/MX1000	3.36	3.21	3.01	2.81
Epson LX80/86/90	2.12	1.97	1.77	1.67
Mannesman Tally 80/81	3.90	3.75	3.55	3.35
NEC Pinwriter P2200	3.03	2.88	2.68	2.48
OKI ML182/183/192/193/195	3.17	3.02	2.82	2.62

BLACK	1off	2+	5+	10+
Panasonic KXP 1123/1124/1140	3.46	3.31	3.11	2.91
Panasonic KXP 1080/1180/90/1592	2.89	2.74	2.54	2.34
Panasonic KXP 2123/2180	4.95	4.80	4.60	4.40
Seikosha SL90/92/95	5.70	5.55	5.35	5.15
Star LC10/20/100	2.29	2.14	1.94	1.84
Star LC200	3.00	2.85	2.65	2.45
Star LC24-10/200	2.86	2.71	2.51	2.31
Taxan Kaga KP810/815/910/915	3.14	2.99	2.79	2.59
COLOUR				
Citizen Swift 24	11.95	11.80	11.60	11.20
Panasonic KXP2123/2180	10.63	10.48	10.28	9.88
Star LC10/20/100	6.00	5.85	5.65	5.25
Star LC200	9.78	9.63	9.43	9.03
Star LC24-10/200	9.63	9.48	9.28	8.88

Ring for Ribbons Not listed

Ring us and WE WILL BEAT all other Ribbon prices

3.5" Disks & Disks Boxes

	DS/DD	DSHD
10 Disks	£5	£6
25 Disks	£10	£11
50 Disks	£16	£18
100 Disks	£29	£33
250 Disks	£65	£76
500 Disks	£125	£148

100 Cap. Lockable Disk Box £5.99 with orders of £10+

Preformated (MS DOS) disks available at 2p extra/disk

All disks Certified 100% Error Free and INCLUDE FREE Labels.

Miscellaneous Items

Roll 100 3.5" Disk Labels	8.99
3.5" Disk Cleaning Kit	2.99
Parallel Printer Cable (1.8m)	3.99
Mouse Mat	2.99

Inkjets, Ink Refills & Toners

Canon BJ-10/20 Cartridge	17.54 each
Commodore MPS 1270 Cartridge	12.13 each
HP Deskjet Cartridge (Double Cap.)	22.00 each
HP Deskjet Tricolour Cartridge	26.00 each
HP Thinkjet/Quietjet Cartridge	12.13 each
HP Deskjet Ri-Colour Cartridge Refill	16.00 each

Inkjet Refills (Twin Packs) for Canon BJ-10/20, BJ300 HP Deskjet , Available in Black, Cyan, Magenta, Yellow, Red, Blue , Brown, Light Green, Dark Green and Gold.
1 Pack £11.00, 2+ Packs, £10.60 ea. 5+ Packs £9.95 ea.

HP Laserjet II/III Toner Cartridge	40.00 each
HP Laserjet IIP/IIIP Toner Cartridge	45.00 each

Ring For Inkjets & Toners Not Listed

CPU & Monitor Dust Cover	6.49
Monitor Dust Cover	4.99
80 Column Printer Dust Cover	3.99
Amiga 500 Dust Cover	3.99
Amiga 600 Dust Cover	3.99
Amiga 1200 Dust Cover	3.99

All Prices INCLUDE VAT (@ 17.5%) & UK Delivery

01543 250377 01543 250377

Ring us or send cheques to:
Owl Associates, Dept 401 Owl House,
5 The Brambles, Lichfield, Staffs WS14 9SE

E& OE

ONLINE PD

TEL 01704 834335 BBS 01704 834583

SPECIAL PACK DEALS FREE P&P ON PACKS!

FULL GUI INTERNET PACKAGE (HD REQUIRED) - 9 DISK PACK £6.75
MAGICAL USER INTERFACE PROGRAMS 1 & 2 - 12 DISKS PER PACK £8.25
ADOBE FONTS 1/2/3/4/5 - 15 DISKS PER PACK each £10.50
COLOUR GS FONTS 1/2/3 - 15 DISKS PER PACK each £10.50
BOING ISO FONTS 1 & 2 - 12 DISKS PER PACK each £8.00
CD CLIP ART 1 - 5 DISK PACK £6.75
IMAGINE TEXTURES OBJECTS 1/2/3 - 6 DISKS PER PACK each £8.25
CG FONTS 1/2/3/4/5 - 15 DISKS PER PACK each £10.50
ED FONTS 6 - 32 DISKS £8.25
SAMPLES VARIOUS 270+ - 10 DISKS £7.50

BLANK DISKS
10-20 Disks ..... 35p Each
21-100 Disks ..... 30p Each
100+ ..... Phone
* ALL QUALITY DISKS *
ABOVE PRICES INCLUDE LABELS AND FREE P&P
(MINIMUM ORDER 10 DISKS)

3 DISK CATALOGUE FREE WITH FIRST ORDER OR SEND 1st CLASS SAE OR 75p (ALL ORDERS SENT OUT BY 1st CLASS RETURN POST)

(?) = NUMBER OF DISKS REQUIRED AGA = A1200/A4000 ONLY HD = HARD DRIVE

MAGS
TOBIAS TIME - SLIDES (3) (AGA)
PHOTOGRAPHIC TECHNIQUES 2 (2)
CAMERAS & ACCESSORIES (2)
UFO'S: FINDING THE TRUTH (2)
ALIENS MULTIMEDIA (9) (AGA)
EXPLORING SOLAR SYSTEM (1.5MB) (2)
GRAPEVINE MAG 21 (2)
GUIDE TO THE INTERNET V2.3
BACKDOOR V7.63 (GAME CHEATS)
TINYTOONS DISNEY CLIPART (2)
500 GAME SOLUTIONS
STAR TREK BACKDROPS (2)
ROSWELL UFO SLIDES (2) (AGA)
TITANIC 2 (2) (FULL VERSION)
TERM V4.4 (2)
C PROGRAMMING MANUAL (5)

ANIMATIONS
BABYLON 5 HD (3MB) (3)
DIET OR DIE
THE TRAMP (2MB) (3)
ITCHY & SCRATCHY 2/3/4 (3)
HOW TO FAIL YOUR DRIVING TEST
CHARLEY THE CAT 11 (2.5MB) (3)
SUICIDE MAN 1, 2 & 3 (1.5MB) (3)
LAST STAND ON HOTH 4MB (4)

DEMOS
BREATHTAKER (5) (4MB) (HD) (AGA)
100 DEMOS PACK (6)
IVAT SLOVAKIA (2) (AGA)
T-JET DEMO PACK 6 INC. LECH (AGA)
BRAIN DEAD DEMO (AGA)
JESUS ON CHEESE
CREATURE COMFORTS
MORE AGA & NON-AGA DEMOS IN STOCK

GAMES
HOLE IN ONE - CRAZY GOLF
MALEDICTION V3.0 (3)
GAMES GALORE DISKS 1 TO 18 (18)
THE LAST SOLDIER (2)
SUPER COMBAT 3 (2)
CAROZ V2 (LIKE KLONDIKE)
ONLINE GAMES 1, 2, 3, 4, 5 & 6 (6)
CARD GAMES DELUXE (3)
COARSE ANGLER (2)
ROKETZ AGA V2 (2)
POKERMANIA
JET SET WILLY 3
KLONDIKE V3.0 DELUXE (AGA) (HD) (4)
CARD SETS FOR ABOVE (AGA) (100+)
DELUXE GALAGA V2.0 & 2 PLAYER VERSION
MINKLED FENDERS
19TH HOLE GOLF (2)
BEAVIS & BUTTHEAD GAME
GRAVITY FORCE 2 V1.02
TANKS 'N' STUFF, DOGFIGHT, ETC
MEGABALL V2.1 & 100 LEVELS
MEGA BALL V3.0 (AGA)
STARWOIDS (2)
SCORCHED TANKS V1.85
COSMINE'S 2,3,4 & 5 (4)
MR MEN OLYMPICS (2)
WORMS!! MODEMS TO 4 X 28.8KBPS - MODEMS, 19TH GLASS 3 FOR AVAILABLE AT £109.99/£169.99 COMPLETE WITH LEADS & FREE 14 DISK COMMS PACK INCL. INTERNET SOFTWARE & 10MB BBS CREDITS (WORTH £25) PHONE NOW FOR DETAILS AND OTHER HARDWARE

MUSIC
MUSIC BUGS (CREATE MUSIC)
SUNSHINE AFTER THE RAIN (AGA)
DON'T YOU WANT ME - FELIX MIX (AGA)
THE DOGS COGS (2) (AGA)
SURFING THE JAZZ WAVE (2)
PRODIGY - NO GOOD FOR ME (1MB CHIP)
U2 BATMAN FOREVER
AMBIENT FOLLOWERS (1MB CHIP)
MOVE ON BABY '95 REMIX
SET YOU FREE (1MB CHIP)
CHILL OUT - AMBIENT TUNES
STAR TREK THEMES V2.0 (2)
MORE MIXES IN STOCK - PHONE FOR DETAILS

UTILITIES
PH KARAOKE
SHAPESHIFTER V9.9B
ASSASSINS MUSEUM VISION 6.7,8,9 & 10 (5)
WORDSEARCH DESIGNER 2
TRANSITION V1.0
SQUIZ 'N' CODE 1 & 2 (2)
FRENCH TUTOR & QUIZ
VIRTUAL MEMORY MANAGEMENT V3.1
SPONSULIX V (AC'S PACKAGE)
FLUMMY UTILITIES 1, 2 & 3 (3)
MAGIC WORKBENCH V1.2F
MAGIC WORKBENCH EXTRA ICONS (2)
DELITRACKER V2.14 & EXTRAS (HD)
V. WORKSHOP V0.1 & V. CHECKER V7.10 (2)
HD GAMES INSTALLERS 1, 2, 3 & 4 (4)
ADDRESSPRINT V4.4
D-PAINT BUDDY SYSTEM (2)
ROBS HOT STASH 35 & OTHERS - PHONE
BIRTHDATE HISTORY V2.2
VIDEOTRACKER EXTRAS (4)
10-PIS BACKDROPS (8)
BLITZBLANKER V2.50
IMAGINE V2.0 BUDDY SYSTEM HD (2)
GCSE MATHS EXAM PAPERS
MOVIEGUIDE V2.04 16,000 TITLES HD (2)
VIC-20 EMULATOR & GAMES
A64 EMULATOR V3 & 75 GAMES (2)
ZXAM AGA/ECS SPECTRUM EMULATOR V2.0
SPECTRUM GAMES PACKS (39)
AREXX USERS REFERENCE GUIDE
ACTION REPLAY V4.0 & V5.0
AMIBASE 4 V3.17, FINAL WRAPPER V3 (2)
FINALFAX 95, FINALWRITER PATCH V3 (2)

WE STOCK OVER 10,000 PD DISKS SO IF THERE IS A DISK YOU ARE LOOKING FOR AND CAN'T FIND IT HERE WE MAY HAVE IT! PHONE NOW AND FIND OUT. WE ALSO STOCK: LSD UTILS 1-149 FRED FISH 1-1000 ASSASSINS GAMES 1-256

75p PER DISK

PERIPHERALS

100 CAPACITY LOCKABLE DISK BOXES	£4.49
10 CAPACITY BOXES PERSPEX / WHITE	£1.20
INK JET REFILLS (PHONE FOR COMPATIBILITY)	£11.95
MOUSE MATS (RED/GREY/GREEN/BLACK)	£1.49
A1200 DUST COVERS	£3.49
DISK DRIVE CLEANER	£3.49
CRUISER MULTI COLOUR JOYSTICK	£10.99
COMP. PRO EXTRA CLEAR JOYSTICK	£12.99
COMP. PRO EXTRA MINI CLEAR JOYSTICK	£12.99
ALFA DATA MEGA MOUSE 400DPI HI-RES	£12.99
500 COLOUR WRAP AROUND DISK LABELS	£3.99
1000 TRACTOR FEED LABELS (2 ACROSS)	£5.49

POSTAGE & PACKING: UK 75p total, Europe add 20%, Rest of World add 30% total. Peripherals £1.25 each, labels £2.25 each

CHEQUES & POSTAL ORDERS PAYABLE TO:

ONLINE PD, DEPT CU1, 1 THE CLOISTERS, HALSALL LANE, FORMBY, LIVERPOOL L37 3PX

Worms

■ Price: £29.99 ■ Publisher: Team 17 ✆ 01924 267 776

AMIGA SUPERSTAR

The worm has indeed turned. Here we have a CD32 game that's better than its Amiga cousin. Lights camera action ...

If you were wondering where we got last month's rendered Worm for our cover then you need look no further than this CD32 version. At the beginning of the game one standard and one random animation from Team 17's twelve mini cartoons appears. They are all excellent.

CD Heaven

This is something extra for CD32 owners, but what else is there? Well, you also get more music than the disk based version and, if you like, you can play your own music. How? Well, if you have a CD player and a selection of CDs then you're in business. Instead of listening to the 10 tracks supplied with *Worms* you can access a music screen via the weapons options menu. If you click on Change CD! you can insert one of your own discs and *Worms* will begin playing it in order or randomly as each new game begins.

You can demolish your friends to the triumphant sound of Wagner's Ride Of The Valkeries or play a jungle level accompanied by Guns 'N' Roses. Even better, when a friend demands that you play their CD you can have it 'Wormed Up', which doubles its speed, making even Metalica sound like the Smurfs.

In terms of gameplay there is no real difference, except of course that the CD32 has its own controller. There's no substitute for mouse control but, after initial grumbles, I became used to the six button pad. Where it loses out in terms of convenience moving the pointer around the screen it almost makes up in terms of the accessibility of functions through its four buttons and two flippers.

No mouse?

You still can't beat mouse control though, so if you have an SX1 CD32 expansion you can plug in your PC keyboard, start the game up as normal (which involves letting the CD32 startup sequence finish before inserting the disk) then, using the joypad to start things off, enter the options menu and select mouse and keyboard control. This works just fine and it doesn't say anything about it in the manual! Beware though, if you have a mouse but no SX1, which means you can't plug in a keyboard, you can forget about this option. Mouse control is not possible even though it can be selected.

We tried running it on a Power CD-ROM drive and an A1200 and although the animations work and you can go through the copy protection screen it eventually crashed. The box claims that it will work with a CD32 compatible CD-ROM drive, but this depends on the type of CD32 emulation software you have. Ask your dealer for details before you buy Worms with a view to running it on one of the many CD-ROM drives available.

Worms is a superb yet simple game concept which invites competition between as many human players as you can get your hands on. It's available on almost every format and the CD32 version is one of the best. Its only real problem is that the cheesy copy protection of the A1200 version with its little black book of 5950 codes is still there. This is because you can copy it off the CD onto a hard drive. CD32 owners shouldn't be penalised with a protection routine that isn't necessary for their machines. It spoils the convenience of the format. But luckily nothing could spoil this game! ■

Alan Dykes

WORMS

graphics	92%
sound	95%
lastability	95%
playability	89%

OVERALL

A wonderful CD32 game.

95%

Alien Breed 3D

■ Price: £24.99 ■ Publisher: Team 17 ✆ 01924 267776

The wonderful thing about the CD32 when it was launched was that it was essentially an A1200, one without a keyboard but with the advantage of having a CD-ROM drive and a multi-button joystick. It was launched as a games console to compete with Sega and Nintendo and could have been a contender but didn't quite make it. Why? Commodore should have looked at the PC market for guidance rather than the console one.

Original or converted games have to be completely re-programmed to be released on Nintendo or Sega. In the process of doing this they are invariably optimised for these formats and end up looking and playing well. The lesson that could have been gleaned from the PC market is that in the early days of CD-ROM on that format most of the output was shovelware. This means that someone programmed software for disk based PCs and rather than updating it to use the CD-ROM's potential, they just ported the standard PC game across and sold it thus.

And so the CD32 fell victim to the same disease. Very few companies took the time to give CD32 owners something more, something they surely deserve. Team 17 did so with *Tower Assault*: they gave us a full motion intro and included *Alien Breed 2*. They also did it with *Worms*: there's a lovely intro and cut scenes. So imagine my disappointment when *Alien Breed 3D* arrived in the office so obviously ported without any major changes.

I gave it 93% in our September issue. It was the best of the *Doom* clones at that time, due to its superb, suspenseful and difficult playability. It was also the blockiest and least graphically convincing but, especially with an accelerator, it was damn playable, more so in two-player mode. It was brill.

But time has moved on and so have *Doom* clones. *Breed 3D* has some problems: a) very few people with a CD32 will have a serial link cable, or are likely to want one; b) you can't put an accelerator into a CD32 and c) they've left the awful copy protection at the beginning which is a pain in the behind and unnecessary. Sorry, Team 17, I'm going right off it.

On a positive note it is A1200 CD-ROM compatible so items a) and b) of the above complaints are solved and you won't have any disk swopping headaches, but I can't help feeling cheated with something that could have been different and enhanced on CD32. ■

AD

CD32 A500+ A600 A1200 A1500 A2000 A3000 A4000

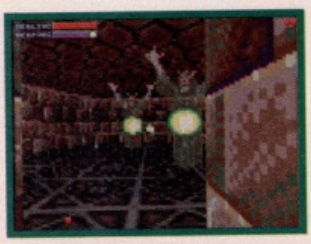
86%

Gloom

■ Price: £24.99 ■ Publisher: Guildhall Leisure ✆ 01302 890000

If I was disappointed with *Breed 3D* it's mainly because I expected more from Team 17. No disrespect to Black Magic or Guildhall, but I didn't expect anything new or fancy in terms of an update by them and so remained nonplussed when I stuck the disc in my CD32 and discovered it isn't any different.

Because all of *Gloom*'s re-sizing options are available through pressing the pause button and selecting from a menu you can make the speed acceptable. And, with my console head on as opposed to my Amiga one, I have to admit that the less suspenseful but more frantic shoot 'em up style of this game is more suited to the CD32.



Gloom, by Mark Sibly, one of the Acid team responsible for quality titles like *Skidmarks* and *Guardian* was the first of the *Doom* clones to hit our shores late this summer. An instant favourite it scored 90% on standard Amiga 1200.

Unlike *Breed 3D* or *Doom* itself you do not pick up shotguns, miniguns, bazookas and the like, the sole weapon is a laser blaster and you can upgrade it by picking up bouncing balls of energy. The idea is to collect these to make your weapon more powerful and you can boost it into a mega weapon for a short period of time or get a twin barrelled version.

The enemies which include marines, ghosts and skinheads come on fast and furious and can be immensely difficult to overcome. Luckily, they aren't too smart so you can usually retreat out of trouble, regain your composure and change your undies before returning to the fray ... unless they are ghosts, who will follow you through walls.

With other useful pick-ups and reasonable graphics and speed this is the best *Doom* clone to get for your CD32 at the moment. Still, as I said in the *AB3D* review, you're not getting the sort of software your machine is capable of supporting. ■

AD

CD32 A500 A500+ A600 A1200 A1500 A2000 A3000 A4000

88%

The largest and most highly praised collection of high quality DTP & DTV PD & Shareware in AMIGA history!

We have seen almost every Amiga CD title in existence and sadly, the general trend appears to be "shovel as much data on as possible and to hell with the quality". The majority of these CDs are also developed as multi-platform CDs and while this may be advantageous for the company selling them, the end user is faced with a CD containing a high proportion of files that he probably can't even use. So what is left? A CD containing loads of badly organised directories filled with low quality (in some cases even pathetic) graphics. Being a little disappointed, the user then looks in the font directories and finds... a massive task on his hands... he has hundreds of fonts (that are probably duplicated many times) and no way of knowing what he's got! The poor end user is then literally forced into loading each individual font into an application, just to see what fonts he's actually got! If that wasn't bad enough, he then, quite possibly, discovers that most of the fonts have missing and/or corrupt files!

Some of these "so called" CD developers even get away with "shovelling" data from their old CDs onto new ones and releasing the new CD as "Professional". We could go on and on and on, but why bore you with something you already know? We genuinely feel that the current situation stinks and we at EMC are aiming to set the standard on which all data CDs on the Amiga will be judged. A big claim you say? Well, here's a brief insight to what is included on the EMC CDs and how the data is organised...

Firstly, these CDs are aimed directly at Amiga users, and are not designed for multi-platform computer use. This means that you don't get CDs loaded with PC files that you cannot use! To aid in the rapid location of font, clipart and image data, each of the 3 CDs contains IFF font preview screens for every font (regardless of its format), you simply click on the preview icon to see the font! The clipart and image directories have been fully sorted and all directories include full IFF preview thumbnail index screens (and also descriptive filenames). Purchasers of the CDs will also have the option to buy a typeface book, published especially for the EMC CDs, containing font printouts!

The price for each CD is £24.99 + £1.00 UK p & p

For first class recorded Airmail to Europe add £4.00 p & p & Rest of World add £6.00 p & p

The third disc - ***EMC - PHASE 3*** - will be released on... ***Monday 15th January 1996***

AVAILABLE NOW!
£24.99 + p & p

EMC-PHASE 1 CONTENTS...

FONTS **Adobe Type1** EMC vols 4, 5, 6, 7 & 16 **CGFonts** (with postscript & .atc files) EMC vols 8, 9, 10, 23 & 24 **Professional Draw** EMC volumes 18, 19 & 20 and 52 **IFF Clipfonts**

CLIPART Fully sorted into sub-directories (number of directories listed in brackets).
IFF Animals(114), Fantasy(27), Music(12), People(73), Religion(12).
IFF Col Birds, Cars, Cats, Dinosaurs, Dogs, Fish, Horses, LionKing, Music, Planes, Reptiles.
EPS Animals, Buildings, Computers, Food, Logos, Office, People, Transport, USA, World.

IMAGES In IFF 16/256 colour and HAM interlace formats.
Animals, Balloons, Blake7, Cars, Conan, Dragon Lance, Fantasy, Horses, Natural, Planes, Racing, Renders, Reptiles, SnowScenes, Space, Star Trek (TOS&Movies) Trains & over 67 MB of 736 x 566 IFF 16/256 colour Video Backdrops.

OTHER STUFF
Pagestream3 updates from 3.0 to version 3.0H, Complete Opalvision2.3b update, 19 additional third party Opalvision utilities, Typesmith2.5a update and Demo, Pagestream2 Demo, 18 really useful Utilities and heaps of other stuff!

EMC-PHASE 2 CONTENTS...

FONTS **Adobe Type1** EMC vols 17, 27, 29 & 77 **CGFonts** (with postscript & .atc files) EMC vols 25, 26, 30, 31 & 82 **Colour** EMC volumes 48 & 49 and 71 Imagine Type 1 Fonts.

CLIPART Fully sorted into sub-directories (number of directories listed in brackets).
IFF Alphabet(4), Borders(16), Buildings(6), Cartoons(17), Computer(7), Education(5), Electric(6), Food(90), History(5), Natural(59), Space & SciFi(3).
IFF Col Fruit, World Maps (of every country on Earth!), Ships, Vegetables.
GEM Arrows & Stars, Borders, Buildings, Clipart, Office, OtherStuff, Photo, Transport.
IMG Animals, Cartoons, Food, OtherStuff, People, Plants, Sports, TheArts, Transport, Xmas.

IMAGES In IFF 16/256 colour and HAM interlace formats.
America, Babylon5, Birds, BorisV, Britain, Dogs, Egypt, EQuest, Famous People, Girls, Kelly, Military, NightBreed, Panoramas, People, SciFi, Terminator, Textures, Star Trek (TNG), V, Water Scenes, Wildcats. World, World People and over 70 MB of 736 x 566 Video Backdrops in IFF 16 & 256 colour formats.

AVAILABLE NOW!
£24.99 + p & p

E.M.COMPUTERGRAPHIC
PHASE 3
RELEASE DATE:
15th JANUARY 1996

EMC-PHASE 3 CONTENTS...

FONTS Adobe Type1 EMC volumes 78, 79, 80 & 81 - **Pagestream** EMC volume 3, **CGFonts** (with postscript /.atc files) EMC volumes 83, 84, 85, 86 & 87 - 200 IFF colour **Clipfonts** and all our previously unreleased Type1, CG and ColourFonts

CLIPART Fully sorted into sub-directories (number of directories listed in brackets).
IFF Events(45), Military(26), Misc(33), Sport(37), Transport(35), Work(37) and World(41).
IFF Col Flowers, Insects, Mammals, Trees, Xmas.

IMAGES In IFF 16 colour, HAM interlace and IFF 256 colour formats.
Bikes (Motor), Boats, Castles, Cats, Classic Cars, Dungeons and Dragons, Dr. Who, Star Trek (DS9), Fractals, Girls, Greece, Hunks, Heavy Metal, Italian Cars, Movies, Robots, Starwars, Waterlife, White, Woodroffe and over 67 MB of 736 x 566 Video Backdrops in IFF 16 & 256 colour formats.

SO, YOU HAVEN'T GOT A CD DRIVE?

Well, don't despair, we are now selling all volumes from E.M.Computergraphic's AWARD WINNING PD/Shareware library at HALF PRICE! All you need to do is refer to your EMC Info pack, select the volume(s) you want, add up the total order value, divide the result by 2 and add £1.00 for postage. Then send, fax or phone your order through quoting "EMC HALF PRICE OFFER". If you have any queries, please don't hesitate to phone.
This is a limited offer. Please note: £10 minimum order value (after discount) for this offer!

EMC - PHASE 3 PRE-RELEASE OFFER... £19.99 + p & p
on all orders received before 12th January 1996

Credit card orders will not be processed until the day prior to the CD's release and your CD will be dispatched the next day. Postal order orders will not be processed until the day of the CD's release and your CD will be dispatched the same day. Cheque orders are subject to 5 working day clearance before dispatch. If you wish to receive your CD as soon as possible after its launch, we require written permission allowing us to bank your cheque 5 working days prior to the CD's launch date.

NOTICE TO OWNERS OF RETAIL OUTLETS

IF YOU HAVE A SHOP THAT SELLS AMIGA PRODUCTS AND YOU ARE INTERESTED IN STOCKING THE RANGE OF EMC'S CDs PLEASE CONTACT US FOR TRADE DETAILS & PRICES!

MasterCard VISA DELTA EUROCARD

E&OE

Cheques / Postal Orders payable to: *E.M.COMPUTERGRAPHIC*
Cheques are subject to 5 working day clearance

E.M.COMPUTERGRAPHIC
8 EDITH ROAD, CLACTON, ESSEX. CO15 1JU
Tel : 01255 431389 Fax: 01255 428666

17 BIT SOFTWARE

TEL: 01924 366982 | FAX: 01924 200943

1st Floor Offices, 2/8 Market Street

Wakefield, West Yorkshire. WF1 1DH

Office Hours Mon - Sat 9:00 To 5:30
Answerphone At All Other Times

POSTAGE RATES

[UK] Disk Orders 50p CD's 75p Each.
[EU] Disk Orders 10% CD's £1.00 Ea.
[OE] Disk Orders 20% CD's £1.50 Ea.

MAX POSTAGE PAYABLE

[UK] Disk Orders 50p CD's £1.50
[EU] Disk Orders 10% CD's £4.00
[OE] Disk Orders 20% CD's £6.00

ALL ORDERS SENT 1ST CLASS POST / AIRMAIL

ALL OUR AMIGA PD DISKS ARE ONLY **£1.00** ONLY

WE WILL PRICE MATCH ANY STOCK CD FOUND CHEAPER ELSEWHERE

LSD Compendium 3

Following The Success Of LSD Compendium 1 & 2, Comes This Most Recent Bumper Collection. Over 600MB Of Data Has Been Included Covering Just About Every PD Subject From Games And Demos To Source Code And FAQ's.

"One Of The Most Useful & User Friendly Discs Around... If You Like The Fun Side Of Amiga PD, LSD 3 Is Definitely The One For You."

90% CU AMIGA DECEMBER 1995

AVAILABLE NOW! £19.99

AMOS CD 2

£19.99

MULTIMEDIA 2

£22.99

5th Dimension

Contains All Our Newest PD Disks From 3351 To 3870. Something For Everyone! Highly Rated By The Computer Media. Heres What They Said...

"As Usual This Is Up To 17 Bit's High Standards"
"Contents Covering Every Aspect Of Amiga PD"
8/10 AMIGA COMPUTING Issue 94
"The Selection Of Software Is Excellent..."
"Highly Recommended." "...Top Grade Stuff"

88% CU AMIGA DECEMBER 95

AVAILABLE NOW! £19.99

AGA EXPERIENCE

NFA & SADENESS PD Present An AGA Only Extravaganza. Packed With Pics, Demos Etc!

£19.99

MEETING PEARLS 3

Germanys Most Popular CD! Packed With Over 600Mb Of New PD Software! Includes Something For Everyone!

£9.99

AMINET 8 £12.99

Dated October 95, This Issue Contains 600Mb New Data Since Issue 7. Heavy Bias Towards Music.

AMINET SET 2 £24.99

Contains The Entire Contents Of Aminets 5 to 8 On 4 CD's! Superb Value For Money! Contains NEW Data Since 8!

ENCOUNTERS AVAILABLE NOW! £14.

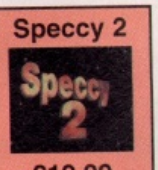
Forget The X-Files. UFO's Are REAL. Encounters Is THE Most Comprehensive UFO Expose Ever Produced On CD. Just A Small Selection Of What You Can Expect To Find Follows.
You Will NOT Be Dissapointed.
Includes Information & Testimony That The Government Have Kept Secret For So Long. Until Now.

- Statements From Military Top
- FBI, CIA, NSA Etc Texts.
- UFO Related Photographs
- Sightings & Abductions
- Alien Origins & Technology
- Crop Circles
- Cattle Mutilations
- Coverups & Top Secret Projects
- Docs On Roswell, Area 51, Sig
- Dreamland, Grunge 13 & Red

3954 ALIEN FISH FINGER Good Shootem / Platformer
3953 PRO ZODIAC 2000 V1 Astrology Program
3952 ICONIAN V2.96 AGA Icon Editor
3951 MELON PLANET M Superb AGA Demo
3950 F1 GP EDITOR V3.02 Very Latest GPed Update.
3949 ABACKUP V5.01 Excellent HD Backup Util
3948 JPEG AGA V2.2 The Best AGA Jpeg File Viewer Ever
3947 ROBS HOT GAMES #16 AGA Only Games Comp.
3946 FLYING TIGERS Helicopter Warfare Sim.
3945 ROBS HOT VIRUS KILLERS 2 Latest Virus Killer Comp.
3944 DELUXE GALAGA V2.6 AGA Excellent Shootem Up!
3943 DELUXE GALAGA V2.6 ECS Version. Superb!
3942 3RD DIMENSION #19 3D Construction Kit Disk Mag
3941 RED DWARF DISKMAG #1 Premier Issue!
3940 VARK CLI UTILS #10 Compilation Of CLI Utils
3939 BLACK DAWN #6 HELLBOUND F1 Demo.
3938 LYAPUNOV V2.0 Excellent Lyapunov Fractal Generator
3937 U.F.O. ENEMY UNCLOTHED Great P**S Take Game!
3936 NEW UTILS #13 Includes Virus Checker V7.17
3935 PENGUINS DEMO Nice AGA Demo.
3934 REMDATE V2.1 Remember Special Dates Etc.
3933 (ABCD) ICONS & BACKDROPS Very Nice Too!
3932 BACKDROPS & STARTUP PICS For Workbench
3931 MWB DRAWER ICONS More Stuff For MWB
3930 (AB) GRAPHIC WORKBENCH Workbench Replacement
3929 ULTRA ACCOUNTS Superb Accounts Package
3928 (ABC) A MATTER OF TIME Text Adventure Game
3927 (AB) NAVIGATOR V2.0 Superb 3D Video Titler
3926 (AB) THE JUDGE & THE JUDGING Photo Turorial
3925 (AB) PAGESTREAM PATCH V3.OH2 Latest Patch Disk
3924 TEE TO GREEN V1.4 Golf Game
3923 EXECUTIVE Unix Like Task Manager
3922 (AB) CHANEQUES GAME Lemmings Clone
3921 GREETINGS - A GALLERY II Amiga Art Gallery
3920 POWEROIDS V1.1 Rendered Asteroids 020 Req.
3919 VIRUS WORKSHOP V5.5 Good Virus Killer
3918 MAGNETIC FICTION DEMO Demo Of F1 Licenceware
3917 (AB) PRO FOOTBALL V1.1 Football Prediction System
3916 (AB) IMAGESTUDIO V2.20 Superb Graphics Studio
3915 PLORRDS / BLITZ Puzzle / Arcade Game
3914 COALA GAME DEMO Shareware Game
3913 (ABCD) RAZOR 1911 DEMO AGA & HD Required
3912 (AB) INSTINCT DEMO AGA & HD Only Demo
3911 (AB) QUE DEMO AGA & HD Only Demo
3910 DIARY 2000 Superb Amiga Diary!
3909 THIRD DIMENSION #18 3D Construction Kit Disk Mag
3908 ULTIMATE MANAGER V1.10S Realistic Footy Management!
3907 UNION TEAR DOWN THE WALL AGA Only Demo
3906 MASTER BLASTER V2.2 Superb Dynablaster Game Clone!
3905 SHAPESHIFTER V3.2A Latest Mac Emulator For Amiga!

Grolier Enc.

£26.99



Speccy 2

£19.99

3D Arena

£19.99

Adult Sens. 2

£19.99

SCI FI Se

£19.99

Aminet Set 1

£24.99

Arcade Clscs

£14.99

Amiga Exp.

£24.99

Emulators CD

£19.99

ZOOM

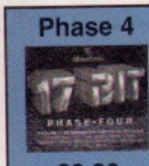
£19.99

Network CD 2

£14.99

Gateway CD

£9.99

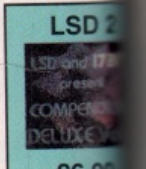


Phase 4

£9.99

Assassins 2

£19.99



LSD 2

£6.99

GOLD FISH 3 £26.99

Contains A Good Selection Of Software, Anims, Pictures, And Other Material Released On Fred Fish CD Roms Between November 94 & November 95, With Most Of The Material Updated To The Latest Available Versions. All Material Is Included In Ready To Run Format From Either Workbench Or An AmigaGuide Menu.

LIGHT ROM 3 £44.9

The Most Ambitious Releas To Date, Consisting Of 3 C Includes 175 Megs Of Ima Objects, 100MB For 3D St 30MB For Sculpt & 7MB F Real 3D. The Second CD Includes 700 Textures In Jpeg Format, Al With Toaster Wipes & CG Fonts + Many Landscape Files. Rom 3 Mainly Contains Digital Elevation Maps For Use With Vista Scenery Animator Etc.

MORE CD's AND THOUSANDS MORE PD DISKS AVAILABLE. CALL US FOR A FREE CATALOGUE

VFM

F1

Publisher:Powerplus

Price:£14.99

Top racing fun at just £14.99, a barg.

Formula 1 keeps millions of fans happy every Sunday afternoon with a combination of glamour, death defying excitement and the nasal dronings of the man they call Murray Walker. Murray speaks like one who records their commentary onto an LP while suffering from a bad head cold and then plays it back at 45rpm. No other commentator can convey the same sense of barely controlled lunacy that Murray puts into his work.

I'm not that big a fan of computer racing games. Round and round a track umpteen times is not really my cup of tea and I had avoided playing one for ages until *Leading Lap* came along. It just so happened that *F1* was the last one I played (on Amiga anyway and discounting games like *Skidmarks* and *Powerdrive*) so many of my *LL* comparisons were made from the memory of this game. Then, lo and behold, *F1* arrived back on the Powerplus budget label for a measly £14.99 a week after we went to press with the last issue.

Although graphically it's more primitive than *Leading Lap*, speedwise its genuine rock 'n' roll. Even in two-player split screen mode it gives you a run for your money – and that's on an A600. Give it an A1200 and you're driving faster than Damon Hill with a cactus up his bum (which isn't a bad thought, the sour-faced git). Flying off the track is a hoot too and unfortunately easy to do. That said it's not a very difficult game to play but the opposition, including Berger, Prost et al always seem to be a damn sight better than me.

My one big criticism of *F1* is the fact that in the quest for realism its tracks are over long and a tad boring. Too many opportunities for banging into walls, bridges and other trackside obstacles for my liking. After lap five or so you can easily get distracted ... all it takes is one sip of tea and a one second lapse of concentration and you're bouncing off something and relegated to fifth place.

Made in 1993 and featuring that season's tracks and drivers *F1* is a little bit outdated now but it's also £14.99 which is more than reasonable compensation for this. If Leading Lap is out of your budget and you want a genuine F1 licenced game then you should like this. Now all you have to do is record Murray Walker and play him back for that ultimate realism. ■

AD

85%

UFO Enemy Unknown

Publisher: Powerplus

Price:£17

For some reason strategy games have never really captured my imagination. To me they always seemed to be overlong very tedious and way too fiddly. However I took one look at *UFO*'s manual and began to get excited. A couple of hours later I soon realised how addictive *UFO* is.

The plot of *UFO* is pretty basic: increased UFO sightings, human experimentation, and odd abductions cause a lot of public concern around the world. Bowing to public pressure the governments of the world decide to form an organisation called XCOM (similar to the UN apart from the fact that they have a purpose)

Your job is to seek and destroy the Aliens. If you think that sounds simple think again, not only do you have to find the UFOs, you have to intercept and shoot them down. After that you have to send in a squad of commandos to find the crashed ship and finish off the hostile little green men. This gives you the chance to perform autopsies on aliens such as the imaginatively titled snakeman.

UFO: where every weapon counts

What I like most about *UFO* is that you have total control over everything from base locations to finance. I also like the fact that *UFO* has plenty of little touches like morale loss which results in your soldier having a panic attack and running away, which is very helpful in the middle of a battle. Not! Also you can build Psi Labs which allow you to train your XCOM soldiers in the art of telepathy and protects you from any psionic assaults (all this game needs is two FBI agents and it could of been called X Files).

It is essential to keep *UFO*'s manual at your side at all times, this game is just so big that its impossible to remember all the instructions in one sitting.

Patience is the key with *UFO*, on my first go two aliens single handily wiped out half of my squadron leaving me with the heroic task of running away and leaving the other half behind (sorry lads).

Graphics and sound wise it's fairly basic but who cares, with playability this good you will soon forget the need for all those fancy graphics currently in vogue with CD-ROMs.

This an excellent game which will appeal to anyone who likes a little bit of inter-galactic warfare and which involves a bit of thought instead of your usual mindless blasting. ■

JJ

89%

VISIT OUR NEW WEB SITE

http://www.flevel.co.uk for latest prices & bargains

NEW THIS MONTH

Books - Connect your Amiga

A Guide to the internet, Lans & BBS & online Services by Dale L.Larsen - This is by an ex C= member of the Amiga Networking Group. Well written comprehensive, this is a must 254 pages £11.95.

The Multi-Data Machine gives you a 4X CdRom plus a 650M removable in one half height drive. The Fourth Level software includes the advanced tools for removable media which have until now, only been available on the Mo-Miga (FLD`s top of the range 1.3Gb M.O. system). Ami-FileSafe - the new filing system which has taken the Amiga market place by storm - is also included along with with Full CDRom support.

Prices: *Internal SCSI2* *£510.00+VAT = £599.25*

Options: *External add* *£ 45.00+VAT = £ 52.87*

Oktagon Card *add £ 95.00+VAT = £111.62*

Warning if you use a hard drive using FFS then if your machine crashes or you reset whilst writing to disk then your drive will most likely be invalid.

Get protected now with AFS.

All our HARD DRIVES are shipped with AFS

New LOW Prices

Phone for details - SCSI, IDE all types available.

Envoy £45.00 incl VAT

Amiga Envoy is the standard Amiga peer-to-peer networking software developed by Commodore`s Amiga Networking Group.

"Cool" -

Dave Haynie, Ex C= Senior Hardware Engineer

We are Sole European Distributors

Commodore Death Bed Video £ 14.00 Inc Vat

By the master -- Dave Haynie

Brilliant personal video shot by Dave Haynie. Over two hours of recollections, stories & action by the C= people. This is a video you must not miss.

!! ***The Christmas present for every Amiga fan*** **!!**

NEW AMIGAS need AFS

Play safe. Dealers can supply AFS as standard.

AFS protects your hard drive from invalidation. Choose a dealer who can supply your new A1200 & A4000 with AFS as standard. Get safety *and* vastly improved performance.

REMEMBER THE MOTTO -

NO AFS!! - NO DEAL!!

Dealers & Distributors- call 0117 955 8225 for OEM details

And NOW ZIP Drives shipped with AFS

Fourth Level Removable Media Networking Tools included

Another Fourth Level BrandedProduct:

DISKSALV 3.5 AFS with free upgrades to V4AFS includes FFS bug fixes & file recovery for AFS £40.00 inc VAT

This enhanced version is a result of the combined work of FLD & Dave Haynie

Shipping NOW!!

The Essentials:

AFS User £29.75 Pro £79.75

See the performance Now with Undelete!!

P&P EEC £ 3.50 Other £ 6.50

Dice V3 £98.75

P&P EEC £ 5.50 Other £10.00

Benchmarks AFS

A3000 030 Oktagon SCSI 2

Test	FFS	AFS	Units
DirScan	409	1780	Files/Sec
CreateFile	227	1073	k/sec
ReadFile	244	1363	k/sec

Seek and write 4bytes (start & end)

x100 53.6 Sec 4.4Sec

Commercial C Compiler for Amiga which has been continuously supported & developed to become the most reliable and user friendly package.

Sole Distributors Europe Africa, Asia (Except France & Germany)

Fully Internet Supported from our server

Ftp: ftp.flevel.co.uk

Email: sales@flevel.co

Fourth Level Developments Certified Amiga Developers 0117 985 4455 (6 Lines)

Distributors

UK: FLDistribution

Germany: Stefan Ossowskis Schatztruhe

Sweden: Orebro Videoreklam

Italy: Db-Line

South Africa:MLSystems

USA: AIM

A Fourth Level Development

Distributor & Dealer Enquiries +44 (0) 117 955 8225

Access

UK Orders to FLDistribution 31 Ashley Hill Montpelier Bristol BS6 5JA

Adventure Helpline

Love her or hate her, our adventure temptress is still going to bite you where it hurts. Trouble is, you just can't help thinking that it might be worth it!

Secret of Monkey Island 2

...m at the grave of Marco Largo ...grande but I have nothing to dig ...up with. Is there a spade? If ...where is it? Or is this a trick to ...nfuse people?

...areth Armstrong, Dudly.

...ell it confused you easily enough. ...though I have heard people say that ...doesn't take too much to confuse ... Put you in a dustbin and tell you ...stand in the corner, and you'll soon ...get very dizzy. Take another look at ...he sign on the bridge. That isn't a ...rawing of a spade you know, it's the ...eal thing.

Leisure Suit Larry 2

...m stuck in my seat on the plane. ...can't get up because of the ...tewardess keeps blocking the ..., but if I stay in my seat Ken ...Bore kills me.

...ohn Sadler, Wallasey.

...efore you board the plane there is a ...eligious pamphlet you can pick up ...om the counter where the clerk ...akes your ticket. Give this pamphlet ...o the boring passenger and you'll be ...ee to get up. Remember before you leave your seat, pick up the sick bag which is nearby.

Indiana Jones and the Last Crusade

I'm stuck in the catacombs. What do you do in the pool of water? Plus how do I get to the casket? Please help, I'm getting nowhere.

Richard Huckey, Chelmsford.

I would have thought that everyone knows only too well what males do in pools of water; which accounts for the fact that I never drink the stuff. And what's so bad about being stuck in the catacombs? I've been hanging around (mostly upside down) in catacombs for as along as I can remember. The trick here is to find the exit from the catacombs which is located somewhere in the top right-hand corner of the map. You'll appear outside in a plaza. Find the two lovers drinking wine. Examine the bottle, then tell the two lovebirds that the wine is a lousy vintage. Then you'll be able to take the bottle. Fill the bottle from the pool and use it to loosen the mud which holds the flaming torch in place on the catacomb wall. Pull the torch. You'll also need to grab the hook from the dead pirate's skeleton.

Might and Magic II

I've been playing this game on and off for several years now and although I believe there is a book containing hints I cannot find any reference to it. In fact I'm not even sure that New World Computing Inc. exists any longer. Although, I'm sure that I read somewhere that *Might and Magic III* was available.

I have the Nature's Gate Spell (Cleric Level 2) but when I try to cast it, it doesn't seem to have any effect. It is supposed to open a portal between different time zones and according to the manual time travel makes up some of the game. Obviously Vamp, if this question is beyond your knowledge then perhaps you could open it up to all of your readers.

Alan Smith, Doncaster.

I don't know if New World is still in business, but they certainly did write M&MIII and it was called Isles of Terra. I don't know if they wrote a hint book for M&M II, but they did write (and gave me) a copy of the hint book for M&M III which is 240 pages long!

Lots of kind readers have sent me their hints and tips for M&M II and I have searched through them looking for references to Nature's Gate. Whilst most of them mention picking up the spell nobody actually mentions where, if at all, they used it. In fact one writer said, "Frankly, I didn't find much use for this spell". I can only assume from this that it isn't actually essential. If it only enables you to time travel then I did find references to other means of carrying out that trick. There is a time machine in Castle Pinehurst called the Wayback Machine. Lord Peabody will let you use it if you rescue his son, Sherman. My notes tell me that Sherman is found at location B4: (8,1) – wherever that is! You can also use the vortex holes at the corner of each elemental planes to travel through time.

If anyone else out there knows better, perhaps you could drop a line to this poor soul at 103 Lonsdale Avenue, Intake, Doncaster DN2 6HE.

Cruise for a Corpse

Being merely 12 and having the IQ of a distressed lemming, I am stuck following the bit where you look through Tom's Cabin. Help?

Sean Talbot, Great Bookham.

Daphne and Suzanne are no longer in their bedroom, so I recommend that you now nip round there and search through their things. In Daphne's wardrobe you'll find a newspaper clipping which you should take and read. Once you've done that take a stroll to Rebecca's room where she's waiting to talk to you.

Ultima VI

I am tormented by a fabulous game called Ultima VI. Do you know where the last piece of the map is? I can't find the one which is in Dungeon Dastard – probably because I can't find Dungeon Dastard! Even better, could you tell me where the silver tablet is hidden then I wouldn't need the map.

Sean O'Reilly, Newbridge.

Dungeon Dastard is located north-west of Trinsic at 37N-3W. To my knowledge there is no map piece here; what you need are dragon's eggs. Enter the dungeon and head north. The way leading down to the next level is at 37N-20E. Head to location 44S-9W and that takes you down again. 52S-17W is the next exit. On this final level head north to find the eggs. The dragons will of course not be too pleased about all of this! Take the dragon's egg to Sandy, the cook in Trinsic. Ask him about pirates, and amongst other things he will tell you about the Mayor. Find the Mayor (he's at the dock) and ask him repeatedly about pirates and the map. He'll tell you all you want to know. ■

If you've got any adventure game problems that you are too embarrassed to ask a friend about, pop it in a plain envelope and send it to our Mistress of the Night and she'll take a close look at it for you.

HERE'S SOMETHING TO CHEW ON: "DO WIZARDS USE SPELL CHECKERS?" ANSWERS ON A POSTCARD.

Snip Tips

Welcome to that part of the mag where we like to spoil everyone's fun by printing solutions, tips, and cheats for games. Don't forget, every tip printed gets a free game courtesy of those nice people at Ocean's Hit Squad label.

MARVIN'S MARVELLOUS ADVENTURE
21st Century

Here are all of the level codes for this excellent, nay bloody colourful, little platform extravaganza.

LEVEL 1: HEART OF GOLD
LEVEL 2: BIG BAND SYSEX
LEVEL 3: DOING THE DO
LEVEL 4: ZERO PLUS ONE
LEVEL 5: SPIKKELS
LEVEL 6: MOTORCYCLE
LEVEL 7: TWIN PEAKS
LEVEL 8: SO ALIVE
LEVEL 9: FALLING
LEVEL 10: APHEX TWIN
LEVEL 11: ELASTICA
LEVEL 12: MAX GOLDT

FLY HARDER
Krisalis

Tom Marshall from Dundee has a few handy level codes for this interesting blast from a year or two back.

PHOTON
MAGAGRAV
BLACKHOLE
SUPERNOVA
TRANSMITTER
QUANT
NEOGEOPOWER

And there's another tip: you can also type BIGBAND on the title screen to see the end game sequence in full.

K240
Gremlin Interactive

An interesting tip from Devon Courtney of Massachusetts (I kid you not!). Once you've spotted an enemy asteroid, magnify it and then access the missile systems. Target the enemy asteroid and it will read as 100 percent. Fire the missile and, believe it or not, the enemy will open fire on itself! Aha!

THEME PARK
Bullfrog

A clever little cheat thanks to Owen Thompson from Hull – albeit one that only works with rides to design yourself (i.e. roller coaster, monorail, rubber tubing, etc.) First of all, just build the smallest loop of track possible, turn the track on and then turn it off. You can then adjust the track all you like, but because the cost is based on the length of track you originally put down, you won't get charged for it. An absolute corker. Tip of the month. Easily!

MAN UTD: THE DOUBLE
Krisalis

Richard Turner from Cambridgeshire has a nice little earner for this groovy footy game. When you win the Coca Cola Cup or the FA Cup, go to the cup draws and look at the cup you've just won. Every time you do this your money will go up by a million quid. Not bad.

LUNAR-C (CD32)
Mindscape

Thanks to a young person known only as T Peters, we now have a few codes for this interesting romp.

SECURITY ZONE – MEBBHKSBAL
COOLING CHAMBER – MFDCRHOCCS
ENERGY DUCT – WJRICCDFEU

PREMIER MANAGER 1
Gremlin Interactive

Bored? Michael Hastings from Nottingham suggests you type in 000123 on the phone for Lotus 3 'The Ultimate Challenge'.

COLONIZATION
MicroProse

A curious bug to be exploited thanks to Hull's Lee Thompson. Move an empty ship through the same square as a ship carrying cargo and men, and you'll magically transfer goods from one ship to the other. very handy if you can't be bothered to go back to port.

OUT TO LUNCH
Mindscape

Here, have some level codes courtesy of Graham Tottle from Avon.

GREECE - TZATZIKI
WEST INDIES - PLANTAIN
MEXICO - FAJITAS
CHINA - WONTON
FRANCE - CHOUX

ISHAR 3
Silmarils

Another offering from Graham, where, by pressing CTRL, ALT, V and the left-hand mouse button while the mouse pointer is to the far left of the screen, you can return your life points to maximum. And even more from the young Graham-ster ...

JAMES POND 3
Millennium

Type NIGHTMARE on the map screen and F10 will call up a cheat menu. Note: If you chose to play as Finnius, you need to pause the game and then press escape to restart (for some reason that Graham didn't mention!) ■

And that's your lot. Please keep sending in all your tips, cheats and hints. Don't forget, not only do you get to see your name in print, but each tip used gets a free bit of Hit Squad software for the trouble. See you next month!

Pro GRAB™... *Rapid Frame Grabbing on your Amiga*

Now compatible with both VHS and S-VHS!

The revolutionary S-VHS ProGrab™ 24RT Plus with Teletext is not only the best way to get crisp colour video images into your Amiga, from either live broadcasts or taped recordings, it also costs less than any of its rivals. This real time PAL/SECAM/NTSC* 24-Bit colour frame grabber/digitiser has slashed the price of image grabbing on the Amiga and, at the same time, has received rave reviews for its ease of use and excellent quality results. ProGrab™ has earned honours from just about every Amiga magazine and Video magazines too!

And... with ProGrab™ you needn't be an expert in Amiga Video Technology, a simple 3 stage operation ensures the right results - Real Time, after time.

STAGE 1...

Select any video source with S-VHS or composite output. This could be your camcorder, TV with SCART output, satellite receiver, domestic VCR/player or standard TV signal passing through your VCR/player... the choice is yours.

Grab images with your camcorder including S-VHS...

or, Take a signal from a TV with SCART output...

or, Use the signal from your satellite receiver...

or, Grab TV or video pictures from your VCR's video output including S-VHS.

STAGE 2...

With ProGrab's software, select an image you wish to capture using the on screen preview window and Grab (because the hardware grabs frames in real time, there's no need for a freeze frame facility on the source device!). Once grabbed, simply download and view the full image on your Amiga screen. ProGrab also includes a Teletext viewing and capturing facility from either TV or satellite sources.

STAGE 3...

Use the 'grabbed' image with your favourite word processor, DTP or graphics package.

ProGrab **really does** make it that simple!

ProGrab™...
...supports all recent Amigas and is also fully AGA Chipset compatible. You can render images in any Workbench screen resolution including HAM8 mode (Amiga RAM permitting).

ProGrab™...
...loads and saves images in IFF/ILBM, IFF/ILBM24, JPEG, BMP, PCX and TARGA file formats. ProGrab saves animations as ANIM files and animations with sound (requires PCMCIA interface and separate sound sampler) as Anim5 + 8SVX files. A range of image processing effects, palette computing (non-AGA only) and dithering methods are also new to this version 2.5.x Photogenics fully supports ProGrab with a custom 'Loader' to enable grabs directly from within the program - saving YOU time!

ProGrab™...
...now has built in mono and colour animation facilities. The number of frames is dependant upon your Amiga's RAM.

ProGrab™...
Release 2.5.x software now includes...

- **SUPPORT FOR VIRTUAL MEMORY**
  ...the highest resolutions - Even with low memory Amigas
  ...Hard Drive Systems without the need for an MMU, requiring just 1Mb. Hard Drive Space).
- **ADDITIONAL TELETEXT FACILITIES**
  With either Terrestrial or Satellite TV signals.
- **LARGER PREVIEW WINDOW**
  Double Resolution and 4 times the area available with previous ProGrab software.
- **INTERNATIONAL SUPPORT**
  Now works with composite PAL, SECAM and NTSC Straight from the box!

(Standard ProGrab hardware is PAL/SECAM/NTSC compatible. Some mode options are available with PAL & SECAM only. Only models are available to special order which then support the interlace mode fully. Please ask us for full details.)

Pro GRAB™ SVHS 24RT Plus

Camcorder User commented... "If you're looking for a high resolution 24 bit digitiser then, at this price, ProGrab 24RT represents great value for money."

camcorder USER

For just £129.95...

ProGrab is supplied with everything you'll need ✣

- **ProGrab™ 24RT Plus Digitiser**
- **Mains Power Supply Unit**
- **User Manual**
- **Latest ProGrab Version 2.5.x Software**
- **Parallel Port Connecting Cable**
- **Input sockets for Composite and SVHS.**

PCMCIA Interface for A1200 and A600 - Only £34.95

ProGrab's optional PCMCIA Interface includes the latest version software and extends performance for serious/professional users - offering the following benefits...

- Faster Downloading Times (up to FIVE times quicker)
- Improved animation speeds of up to 11fps (mono) and 3.5fps (colour)
- Sound sampling and animation capabilities (separate sound sampler required)
- Saving of animations direct to your Amiga's hard drive
- Freeing of your Amiga Parallel Port for use by a printer or other parallel peripheral device

ProGrab™ supports any Amiga with Kickstart 2.04 or later & a minimum of 1.5Mb. free RAM.

✣ A video source cable will be required to match your own equipment set up - Ask for details.

ProGrab™ - Voted as **The Best Video Hardware** product for the Amiga. This is especially pleasing because the award comes from the Amiga Shopper magazine's readers...

Our **Satisfied** Customers!

ProGrab™ - Amiga Shopper **95% STAR Buy** and remarks like... "Sharp, crisp and faithful to the original colours, we were mightily impressed" and... "Highly Recommended. Whether you are a Videographer or a Graphic Artist, look to the ProGrab 24RT Plus. It's a winner"

Star Buy

ProGrab™ - Amiga Format **93% Gold Rating** and comments like... "ProGrab 24RT Plus is quite simply the digitiser to get", "Incredible value for money - no other digitiser offers so much for so little" and "Offers far more features than any other digitiser near the same price"

CU Amiga said ProGrab™ is... "Just the job for beginners and semi-professionals on a tight budget" and, "very hard to beat. For the money, nothing can touch it"

AMIGA MAGAZINE

get your hands on NEW ProGrab Plus - Post or FAX requirements (Quantity Trade Prices Available) on order form provided OR, if you'd simply like further information please contact...

GH

GORDON HARWOOD COMPUTERS

Gordon Harwood Computers Limited, ... Street, Alfreton, Derbyshire DE55 7BP. FAX: 01 773 831040 or...

TELEPHONE 01 773 836781

Mr/Mrs/Miss/Ms:	Initial(s):	Surname:
Address:		
County (Country):		Postcode:
Daytime Phone:		Evening Phone:

___ ProGrab Plus™ @ £129.95 inc. p&p	£	:
___ PCMCIA Interface @ £34.95 inc. p&p	£	:
___ V 2.5.x S/W (User Upgrade) @ £4.95	£	:
Optional FAST Courier Delivery @ £6.95	£	:
TOTAL	£	:

Overseas Customers... Please call for prices, shipping etc.

Card holder's signature: _____

Card No

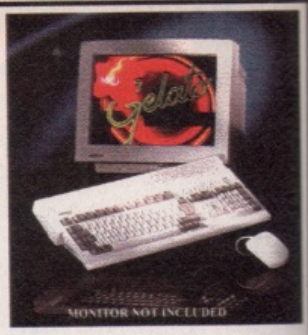
Expiry Date | Valid From: (Switch Only) | Issue Number: (Switch Only) | Department:

I enclose a Cheque/Bank Draft/Postal Order for £ _____ : made payable to GORDON HARWOOD COMPUTERS LIMITED

VISAGE COMPUTERS

27 Watnall Road, Hucknall
Nottingham NG15 7LD.
Tel: (0115) 964-2828
FAX: (0115) 964-2898

AMIGA 1200 "Magic"



The awsome new AMIGA 1200 "Amiga Magic" pack is here. Software pack Includes...
Photogenics 1.2 SE.
Personal Paint 4.6.
WordWorth 4.
Datastore 1.1.
Digita Organiser/Print Manager.
Turbo Calc 3.5, Pinball Mania/Whizz.
PLUS FREE Mousemat & Dustcover

Only.....£389.99

Add £10.00 for a CHAOS Pack. Pack includes:- Nick Faldos Golf, Chaos Engine, Pinball Fantasies, Syndicate.

STORAGE

HARD DRIVES

WESTERN DIGITAL

3.5" E/IDE

635MB	£159.99
850MB	£179.99
1 GIG	£199.99
1.2 GIG	£239.99
1.6 GIG	£329.99

Seagate

3.5" E/IDE

420MB	£124.99
540MB	£139.99
850MB	£179.99
1.2GIG	£249.99

HITACHI 2.5" IDE

340MB	£169.99
540MB	£249.99
810MB	£349.99
1.2GIG	£649.99

LOW PRICES

Quantum

3.5" E/IDE

540MB	£Call
635MB	£159.99
850MB	£179.99
1 GIG	£199.99

A500 ALFAPOWER

210MB	£179.99
270MB	£199.99
420MB	£229.99
540MB	£249.99

Externally cased hard drives for the A500/500+. Can be populated with upto 8MB of RAM.

All 3.5" IDE Hard drive require an adaptor cable when fitted into an A600/1200 (£15.00 when purchased with a drive) £19.99 when purchased seperately.

If you have found a cheaper price elsewhere in the magazine, call us and we will do our best to beat it.

A1200 OVERDRIVES

270MB	£199.99
540MB	£219.99
635MB	£229.99
1 GIG	£269.99
1.2GIG	£299.99

STOP ! AND THINK

Before you purchase your hard drive from elsewhere, just look at what you get FREE with our drives!!!
- Drives are formatted & installed with WorkBench.
- 100MB of top quality Public Domain software including:- Compugraphic fonts & clipart, Lightwave & Imagine objects, top demos & music modules, essential utilities, games and lots more!!!

4000 Tower

25Mhz 68040 CPU.
1.2GB SCSI-2 HD/ 6MB RAM
AT/IDE HD Interface,
SCALA MM300.

£2149.99

Call for details and - prices on 060 version.

AMIGA M1438s

Hign resolution colour multisync monitor for the all Amigas.
Built-in stereo speakers.

£289.99

A500/A600 RAM

A500 1/2 MB N/Clock..£19.99
A500 1/2MB W/Clock..£24.99
A500+ 1MB.....£29.99
A600 1MB N/Clock.....£29.99
A500 1MB W/Clock.....£39.99

MITSUMI FX400

Internal IDE CDROM unit for the A4000 (requires tandem CDROM controller). Super-fast 600Kb/Sec transfer rate.
FX400 CDROM.....£149.99
FX400 Plus Tandem CDROM controller card.....£199.99

CDROM DRIVES

AIWA CDROM

External SCSI CDROM for the A1200. Plugs into the PCMCIA port, Fast 300Kb/Sec transfer rate. Connect up to six other SCSI peripherals.
Dual Speed.....£209.99

STUDIO 2 - PRINTER S/W

Professional print studio for the Amiga. Enhance the output of your printer inc. 720DPI on Epson Stylus Colour.
Only.....£49.99

PRINTERS

EPSON

Stylus Colour - II Inkjet printer offers photographic like quality when used with optional 720DPI printer driver (coated paper required). Built in auto sheetfeeder.

New low Price

From only.....£299.99

Coated 720DPI paper

MODEMS

EXTERNAL

BABT approved FAX/Modem. Complete with all leads, PSU and Comms software.
Low Price.....£109.99
V34 - 28,800.....£179.99

LOGIC3 SCREENBEAT SPEAKERS

SB 3 (10W).....£15.99
SB 25 (25W).....£29.99
SB PRO 50 (50W).....£39.99
SB PRO 80 (80W).....£89.99
All speakers come with cables

ACCESSORIES

240 CAPACITY DISK BOX

The Logic3 stackable storage box holds up to 240 disks.
Only.....£12.99
ASK FOR QUANTITY PRICES

ALFA DATA PRODUCTS

Megamouse-400dpi.....£12.99
Megamouse-3Button.....£14.99
Auto J/Mouse switcher.....£14.99
AT-Bus2008/IDE.....£79.99
AT-Bus2008/SCSI.....£109.99
AlfaPower/A500/IDE.....£89.99
Tandem Controller.....£59.99

APOLLO

APOLLO 4040/4060

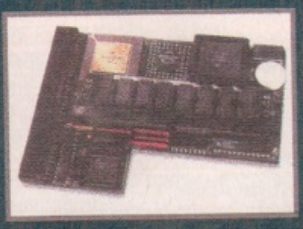
The new Apollo A4000 Accelerator fits into the CPU slot of the A4000 (A3000/T). Fully upgradeable to the Motorola 68060 CPU (Call for prices & availabilty). Comes in 33, 40 & 50Mhz versions, 4 x 72pin SIMM sockets (2 x 72pin SIMM for A3000Desktop) & SCSI-2 controller.

40Mhz £699.99 | **50Mhz £749.99**

APOLLO 1220

The 1220 combines the best Price/Performance ratio for any Amiga 1200 accelerator. With a 68020/28Mhz and 28Mhz 68882 FPU,1 x 72pin SIMM socket (1 or 4MB). Real-time battery backed clock.

Only..... £99.99



620

The world first accelerator for the A600 is here... 25Mhz 68020 CPU, 68882 FPU, 1 x 72 pin SIMM Socket (1, 2, 4 or 8MB). Requires internal fitting.

£139.99

2030

Accelerator card for the A1500/2000. Available in 25 & 50Mhz versions, complete with 68882 FPU & SCSI-2 interface.Not compatible with GVP cards

From £299.99

HOW TO ORDER

BY POST - Please make cheques and postal orders payable to ***"Visage Computers"***. Please allow 5 working days for cheques to clear.

WE ACCEPT ALL MAJOR CREDIT CARDS INCLUDING SWITCH & VISA

DELIVERY CHARGES
NEXT DAY - £6.95
STANDARD - £3.95

BY PHONE - Credit/Debit card orders taken from 9.30am - 5.30pm Monday to Saturday

CALL (0115) 964-2828 OR (0115) 964-2898 TO PLACE YOUR ORDER

Get Serious

Horgan's Organ

I like this time of year. Even though the weather might be grim and the days shorter than Dudley Moore, it means that I get to play Santa on behalf of the magazine, and what better Christmas present could I give you than the full release of Imagine 3.0, the Amiga's favourite 3D rendering package? If that's not the best cover disk program in the world, ever, I'll eat my record collection. And we've even given you both the FPU and integer version too, with none of those cop-out disabled save options or time limitations that other mags impose on their cover disk software!

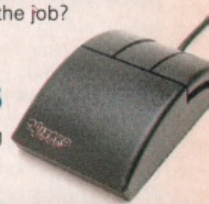
So now you've got your top flight 3D graphics package you're probably hoping that you'll find some new Amiga kit beneath the tree on Christmas morning. In case you were stuck for ideas, we've got plenty of suggestions. How about turning your A1200 into a tower system, complete with extra drive bays, separate keyboard, Zorro II and PC slots and a speed display that you can set to show 99MHz if that turns you on! At last you can upgrade your A1200 to match the mighty A4000T for far less cash.

It's been a good month for innovations all round. The A600 has finally got its first accelerator boasting a 700% speed increase, and CD-ROM software has entered a new phase, with the release of commercial software on the silver discs. Anyway, I'm for a quick render session now. Enjoy the mag!

Tony Horgan
Technical Editor

Get your teeth into another selection of top product reviews, staring the MicroniK Tower and the wonderful World Construction Set.

- **MicroniK A1200 Tower..... 68**
  Liberate your A1200 by transplanting it into a spacious tower case. The MicroniK Tower offers Zorro II and PC slots, along with all the benefits of a big box Amiga.
- **World Construction Set..... 72**
  Vista has previously had the fractal scenery generation field all wrapped up. Can World Construction Set steal its crown?
- **AmiLink 74**
  Networking Amigas can transform a professional set-up. Is AmiLink up to the job? We find out on page 74.
- **Wizard vs TechnoPlus Mouse 75**
  Two new mice go head to head. Find out who comes out on top according to our technical experts.
- **A620 Accelerator..... 79**
  The world's first accelerator for the A600 has arrived: a 28MHz 68020 offering amazing speed increases, plus a Simm RAM slot to boot!
- **Personal Suite 80**
  Personal Paint makes its way onto CD-ROM, along with a band of supporting applications and data files.
- **Magic User Interface 3.0..... 82**
  The controversial Magic User Interface (as used by World Construction Set) receives a new upgrade. Have the problems been ironed out?
- **Football Mouse 83**
  Mad about football? Or do you know someone who is mad about footy? Why not try out this novel football mouse?
- **CD-ROM Round Up 87**
  The latest releases from the CD-ROM scene.
- **PD Scene.....89**
  All the best and latest new releases from the less serious side of the public domain. go on have some fun.
- **PD Utilities 95**
  Our regular round-up of the more useful PD and shareware releases of the past month.



Wizard mouse - page 75

A600 accelerator - page 89

MicroniK A1200

- **Price: From £499 (with a PC keyboard)**
- **Developer: Micronik Service**
- **Supplier: Wizard Developments © 01322 272908**

Everyone wants an Amiga tower system with Zorro slots. Now you can transform your A1200 into such a system for £500.

Console-type computers were the bread and butter of Commodore. The Vic 20 started the trend of the keyboard fitted console and lead the way to the C64, the largest selling single model of computer ever. Many Amiga users don't plonk their pride and joy down in front of the TV any longer. It's far more likely to be situated on a desk with a monitor connected and running a copy of *Final Writer IV* as opposed to *Bubble Bobble*. The A1200 is now being taken to its limits as a serious multi-purpose multi-tasking computer.

A1200 power

With the current Amiga range consisting of the all-in-one A1200 and the tower-based A4000T, it'll be some time yet until we see a mid range desktop machine from the Amiga Technologies stable. The desktop A4000 has been dropped (heaven knows why) and the A4000T's astronomical price tag lies well outside the price range of most users. However, the A1200 does have good expansion capabilities. The standard array of ports on the rear coupled with the 32-bit trapdoor slot and PCMCIA port give excellent connectivity but anyone with a range of peripherals attached will know the kind of problems this brings in terms of desk space and wiring problems. The one thing these ports do not offer, though, is access to Zorro expansion cards, essential for 24-bit graphics, professional hard disk audio recording and many other high end applications.

The solution is to do what many say Commodore/Amiga Technologies should have done in the first place: put the A1200 in a desktop or tower case and add Zorro slots (they did, and called it the A4000). The kit reviewed here is manufactured by the German MicroniK developers but UK readers will know it better as the Ramiga 'Z' tower. Ramiga have since folded but now Wizard Developments have come to the rescue by importing it once again. Armed with a set of screwdrivers, an adjustable spanner and a day long supply of strong coffee, we set out to turn one of the office A1200s into the most highly specified A1200T ever seen.

Which Keyboard?

One of the options when purchasing the MicroniK tower is to use either a PC AT type keyboard or your original A1200 keyboard. Surprisingly the latter is the more expensive and involved method. A separate kit consisting of a keyboard housing is provided with special driver circuitry built in. The A1200 keyboard is fitted, the ribbon attached to the circuit board and finally it's screwed together. The case is a little flimsy and doesn't fit together perfectly but at least you end up with a real Amiga keyboard. It worked faultlessly and I personally prefer its feel over the A4000 keyboard. If the PC keyboard is opted for, you just plug it straight in, but special key selections must be used to gain access to the unique Amiga keys. PC keyboards are of higher quality though and cheaper to boot.

Transformation

A fair bit of screwdriving is required to transplant the innards of your A1200 into the tower. The A1200 must be completely disassembled until nothing but the bare motherboard remains. Anti-static measures are essential in static prone environments lest the motherboard be destroyed by unwanted discharges. Removal of the case and upper RF shield is needed as is removal of all the port nuts until the motherboard is free of the lower RF shield.

The motherboard is then placed on its end inside the tower against an insulated plastic resting place. Before this though, a right angle adapter is plugged into the PCMCIA slot. Because the motherboard sits hard up against the PCMCIA slot, previous incarnations rendered the port useless. Now with the adapter, a PCMCIA card such as the Squirrel SCSI adapter can be inserted to sit flat on the bottom of the tower case.

All of the A1200's ports poke through the custom pre-punched holes on the rear of the tower case. This is no ordinary PC case, it's been fashioned especially for this purpose. All of the port nuts are then screwed back into place, firmly locking the motherboard hard up against the rear of the tower case. If purchased with an internal power supply (and it's recommended), the front drive brackets have to be removed, the back panels blanking plates removed and the power supply screwed into place.

Now that the front drive brackets are out, the fiddly business of fitting the front panel power switch can be carried out. I feel this part should really come preinstalled as standard. Powering the entire tower from the stock power supply is asking for trouble. Unfortunately, the cost of the power supply is higher than it should be. These things normally cost £20. It might be possible to fit one bought elsewhere.

Breakout

MicroniK's most innovative component comes next: the Zorro break out daughter board. A short

Tower

length of ribbon is provided to connect the A1200 motherboard keyboard plug to the daughter board. This is needed since the new keyboard jacks into a port on the rear of the tower which is wired to the daughter board. There's a small trapdoor slot splitter board. This fits onto the A1200 trapdoor connector and is best fitted first to the Zorro daughter board and then into the tower and connected to the A1200's trapdoor slot. Thankfully this method gives a trapdoor slot pass-through, so you can use A1200 accelerator and RAM boards.

After fitting a couple of rear panel braces, which prop up the rear of the daughter board, the A1200 motherboard is pretty much obscured from view. All of the various connectors that are pre-wired into the tower can be attached to the daughter board. This bit is relatively easy since just the right kind of connectors and cable lengths are provided. The power supply, if fitted, will jack directly into the Zorro daughter board to power the whole system. Naturally the pass through power socket on the rear of the power supply will allow you to turn on a monitor from the convenience of the front panel power switch. Nifty.

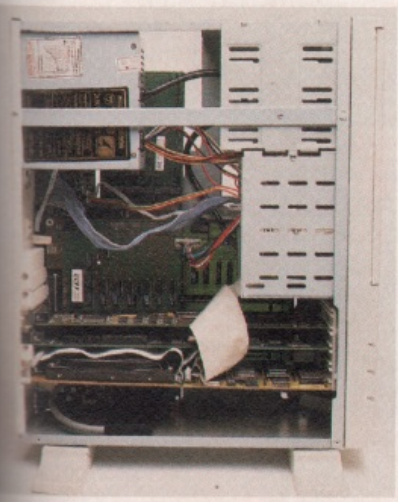
Installation of the A1200's internal floppy drive in the drive bay is easy enough but the provided bezel can be the source of a few problems. There were quite a few different types of floppy drives supplied with the A1200 during its manufacturing history. None of our A1200 floppy drives fitted the supplied bezel. In the end it was necessary to snap off a couple of bits of plastic but it still seemed solid enough. It did need to be mounted at a slight angle in the drive bay but this isn't a real problem. The cable provided has another connector for a second floppy drive.

Duff button?

The front panel of the tower isn't as straight forward as you would think. For a start, there's a reset button that actually does function as a hard reset. A key switch is provided but has no effect, which is a shame since it could have easily disabled the keyboard.

The Turbo button is a distinct problem. It's supposed to enable/ disable any accelerator fitted in the trapdoor slot pass-through. Unfortunately it didn't work on any of the accelerators we tried including the excellent Blizzard units.

Turning the accelerator off merely resulted in a complete hang of the machine and the tower would refuse to boot at all. This button really needs to be disabled to stop accidental crashes. Three lights represent power, turbo and hard drive access. The hard drive light functions for the internal IDE drive which is a nice touch. The numeric display is configurable via a wad of jumpers behind the panel, both for non-turbo and turbo modes. You could always configure it to say '90' for sheer pose value. The first of the three digits on the numeric display is used to indicate floppy drive access; a letter 'o' lights up whenever the floppy reads or writes to a disk.



We have a fully loaded tower with the 230W power supply visible and a Squirrel SCSI at the bottom plugged into the PCMCIA right adapter. In the middle there are three Zorro cards. GVP Spectrum card. GVP IO expander and an Octagon SCSI hard card. Rockin'!

Mark of Zorro

The major advantage of converting an A1200 to a tower system such as this is the addition of Zorro slots to the system. Zorro is a connection standard used by 24-bit graphics cards (Retina, CyberVision, EGS Spectrum, Picasso etc), 16-bit sound cards (Tocatta, Sunrize AD516, One Stop Music Shop etc), IO expanders (such as Ariadne or the GVP IO Expander for networking and comms), digital video recorders(PAR and VLab Motion), SCSI cards and various other powerful plug-ins. With the MicroniK A1200 tower system, you can expect a data transfer rate somewhere between 3Mb and 4Mb per second across the Zorro busses.

A bit tricky

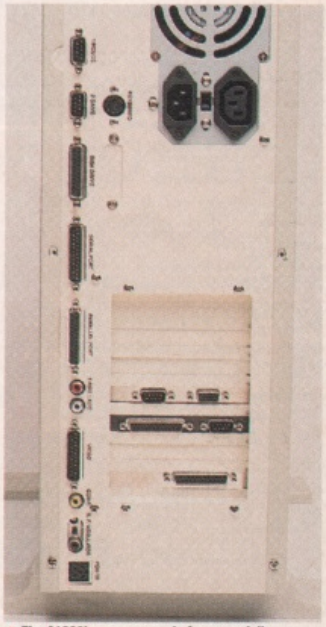
The construction isn't too complex for anyone who's handy with a screwdriver. But even if you think you're up to it, I'd still recommend that you have an electronics expert on hand if at all possible, just in case things get a bit hairy. Fitting CD-ROMs, hard drives and Zorro cards after the tower is constructed is easier than with a desktop A4000. There's plenty of space to be had for the drives and cables. If the power supply is fitted you get three large sized disk drive power connectors and two small ones (for floppies etc).

At the time of going to press, Wizard Developments couldn't clarify if they'd be able to provide an assembly service. Give them a call if that option sounds attractive.

To the test

Finally after construction, I powered up the new A1200T and it worked first time. Deciding to go rapidly overboard, I removed all the Zorro cards from my A3000: an Octagon SCSI card, a GVP IO Expander and a GVP Spectrum Graphics board. All were fitted to the tower and the A3000's SCSI drives fitted to the bays. The A3000 system fired up first time on the newly expanded A1200! The graphics board slowed down as it was now connected via a Zorro II slot rather than the A3000's Zorro III but it was still much much quicker than the native AGA chip set. The *Shape- Shifter* Macintosh emulator functioned perfectly with the graphics board. Truly an impressive beast.

Given the price of an A4000T (£2,199 excluding monitor), the MicroniK tower is not only a great option for existing Amiga 1200 owners but also cost effective way of building a serious Amiga system without paying silly money. Perhaps a modified tower version of the A1200 Amiga Magic pack could be put together by Wizard? The A1200 has good connectivity options but with the addition of Zorro slots, it has the best of both worlds. The MicroniK A1200 tower kit is not just a hack for ultra keen enthusiasts. It's a brilliant expansion system that turns the A1200 into a monster machine for a reasonable price. Most highly recommended. ■



▲ The A1200's ports protrude from specially punched holes in the rear of the case. There are even holes for the power socket and extra ports.

MICRONIK A1200 TOWER

A500
A500+
A600
A1200
A1500
A2000
A3000
A4000

system requirements:
A working Amiga A1200 mother board only

ease of use.....85%
Unavoidable tricky installation. Power supply should come pre-fitted.

performance.....95%
Turn your 1200 into a 4000? Sounds like performance to me!

value for money.....89%
Good value but could be better.

OVERALL
The ultimate A1200 expansion.

90%

SOFTWARE2000

ALL OUR PD DISKS ARE

99P

PLEASE SEND YOUR ORDER TO EITHER OF THESE DISTRIBUTION
YOUR ORDER WILL BE SAME DAY DESPATCH VIA FIRST CLASS PO

We stock over 6500 QUALITY PD & SHAREWARE

How to order

To order any disk just write the disk title and the disk code, EG U01 Agene. Some title have a number in ( ) this means the title comes on (x) number of disks. To order PACK just write down the pack TITLE name will do.

ALL DISKS ARE COMPATIBLE WITH ALL AMIGAS UNLESS STATED

AGA Disk means for A1200/A4000 only

Price.....99p per disk

Please add 70p to total for postage & packaging

Pack price as stated. All Orders Same Day Despatches

For the very latest catalogue disk please add 70p

MAKE CHEQUE/POSTAL ORDER PAYABLE TO: SOFTWARE 2000
SEND TO (ADDRESSES TOP RIGHT)

PER DISK + CHOOSE 1 FREE DISK WITH ORDER OF 10 OF MORE DISK

OVERSEAS POST & PACKAGE RATE

(Europe add 25p per disk for P&P)
(Worldwide add 50p per disk P&P)

SOFTWARE 2000
Dept (CUD5)
48 NEMESIA
AMINGTON
TAMWORTH
B77 4EL
ENGLAND
TEL: 01827 68496

SOFTWARE 2000
Dept (CUD5)
9 WILLS STREET
LOZELLS
BIRMINGHAM
B19 1PP
TEL: 0374 6780

TEL OR FAX: 01827-6849

SOFTWARE2000 Christmas offer FREE MOUSE MAT worth £2.99

FREE MOUSE MAT worth £2.99 with every order £12 or over. To claim your free mouse mat just cut & return this token with your order + enclose an extra 38p stamp to cover the mouse mat postage & package. Offer only available with this token (limited 1 mouse mat per order exclude any other offer)

You may choose 1 FREE disk if mouse mat not required

*****AMIGA ESSENTIAL******

DISK CLEANING KIT---------- £2.99 *
Complete with disk & cleaning fluid
Quality MOUSE MAT---------- £2.99 *
10 blank disks & 10 labels---------- £4.99 *
50 disk protector sleeve---------- £0.99

* special offer £1 off if you order 5 or more pd disks

music

M001 BEASTY BOYS-We Want Some Pussy songs
M002 MICHAEL JACKSON-song BAD
M003 DO THE BART MAN
M005 100 C64 TUNES (not A1200)
M006 BAT-DANCE REMIXED
M017 GUNS & ROSES - YOURE CRAZY.
M018 THE XMAS SONG (video) very funny
M025 MONEY FOR NOTHING-DIRE STRAITS HIT song
M027 BLUES HOUSE (2 disks)
M084 C64 GAMES MUSIC
M115 MAHONEY & KAKTUS 2 - 40 tunes compilation
M125 ADAMS FAMILY
M147 BANGLES - Walk Like An Egyptian
M150 TIFFANNY I Think We're Alone Now
M171 MADONNA - (Like a Virgin)
M173 JANET JACKSON + RHYTHM NATION
M177 PET SHOP BOYS
M184 SAM FOX - (PLEASE ME)
M186 MADONNA - (RESCUE ME)
M188 JOE La TAXI
M189 MICHAEL JACKSON (SMOOTH CRIMINAL)
M194 JESUS ON E'S (2 disks)
M205 RAVE - more Rave
M262 A TO Z OF C64 GAMES MUSIC (4) brilliant
M314 CHICK TRACY (madonnna) (2)
M335 STAR TREK & STAR TREK NEXT GENERATION (2)

PRINTER MANAGER

U427 PRINTER-STUDIO excellent print results
U560 PRINT-FONTS - produces typewriter, woodle etc
U703 PRINT LABELS and disk labels/banners
U709 STAR PRINTER STUDIO - for all star printers
U710 SEIKOSHA PRINTER - for all Seiko printer more specific driver driver for the above printer
U733 PANASONIC STUDIO - 9 & 24 pin printer driver & utl
U734 CANON PRINTER STUDIO for A500 1.3 ROM
U735 PRINTER STAR 24/300 FONT DESIGNER - screenguru
U762 CITIZEN PRINTER MANAGER for all Citizen printer
U883 CANON PRINTER STUDIO for all models for use with cannon printers
U757 150+ PRINTER DRIVERS largest collection

VIDEO TITLER/TOOLS

U181 VIDEO NOTE database for your video collection
U431 VIDEO APPLICATION (2 disks) many video titler prog
U250 VIDEO TOOL (3) loads of video utils. Recommended
U964 TELESUBTITLE - new video titler
U965 VIDEO MAGIC - the latest in video
U352 DESKTOP VIDEO 1 & 2 (best video titler tool) cataloguing system. Dozens of functions
U671 TELE TITLE 2 - Great new VIDEOS titler
U513 VIDEO TITLER (2 disks) more VIDEO TITLER-BEST
U920 TELESCROLL 2 (not WB1.3) Easy to use Video titler loads of features
U921 WEDDING VIDEO ANIM (2 disks) Requires O.Paint
U922 High quality
U922 CAPTION MACHINE excellent video titler
U923 VIDEO MANAGER (not A500 1.3) Video Catalogueing system
U925 VIDEO TITLER - very good video titler

TOP VARIOUS UTILITIES

U024 DI-LOCKS protect your disks & files
U027 ULTRAPAINT & SURF paint & 3D model program
U029 CAN DO programming language
U045 MASTER ICE 3.2 (ver 2-5) loads of utils
U058 DISK MAG CREATOR create a disk magazine
U117 NORTH C compiler (2) b/ll programming language
U120 SID 1.6 copyable/removable file made very easy
U131 TETRA COPY play tetris while copying disk, great
U138 MOST USED UTILITIES (2) very useful util collection
U145 XCOPY PROFESSIONAL very powerful disk copier
U148 C-MANUAL 2 (4) Teaches you how to program in C
U169 PROTRACKER ANIMATE add the beat
U170 BIORHYTHMS V4.01 display your own biorhythms
U184 MASTER SEKA V1.9 complete Assembler language
U186 UNLIMITED DISK CREATOR all tools are on here
U187 M COMPUTER AIDI DESIGN - Was commercial product
U188 DOMINO - 3-D domino cover maker. 2+ wire effect
U191 SID II copyable/move/run file using a mouse
U220 AMOS/PAINT V good paint package, lots of features
U230 ANIMATION COPIER (V3) lot of graphic copier tools
U236 50+ MOST USE UTIL loads of very useful utils
U239 FILE SHOW CONSTRUCTION KIT easy to make
U240 ARCHIVER TOOLS lots of crunchers
U242 IMPLODER 4.0 dle file compressor. Excellent
U243 THE A-T COPIER (not WB3) 13 disk copier
U254 FRACTAL UTIL loads of fractal programs, brill
U262 LAND BUILDER create realistic landscapes
U264 MUSIC & DRACK TOOLS back up your software
U300 MESSY SID II readiwrite PC/MAC etc files
U301 AUTO DISK LOGGER catalogue your disk
U321 GRAPHIC Util 1 (3) loads of brill graphic utils
U324 GRAPHIC util 2 (3) even more graphic tools
U333 BOUNCY BOUNCER more landscape generators
U334 EMULATOR COLLECTION II (lots of emulators)
U335 FREE COPY back up commercial games
U337 MODEL 3D 3D object designer
U338 MULTI VISION (2) disk/files utilities
U349 BLUE SHOW CONSTRUCTION KIT easy to make
U350 POOL TOOL - predict horses with the best chance
U351 RACE RATER Similar to above, but both
U358 TITLE MAKER 3 create catalogue disk, easy
U359 SEEKER find lost files on floppy & hard drive
U360 R.P.G (2) adventure creator
U370 DISK REPAIR KIT salvage & repair damaged disks
U372 WORLD SORT process ASCII files
U377 NOOMM II- more modem software + packer util
U380 UNICOPY fantastic disk copier
U399 FRANSCAPE V1.2 new fractal similar to VISTA
U400 SOUND TRACKER V2.6 music maker
U420 SPEED BENCH (not WB1.3) create auto boot WB
U425 NIB 2 very popular copiers
U426 NIB REPAIR COLLECTION (not WB3) many ripper progs
U442 SYSINFO test & print info on your Amiga sys
U443 FONT FARM font creator/editor/design sys fonts
U457 WHOM 2 (3 DISKS) Detail/database on 51 films
U470 FINAL FRONTIER 1 (2 disks) Star-Trek magazine
U471 FINAL FRONTIER 3 (4 disks) Star Trek magazine
U480 HARD DISK CLICK Hard drive menu system
U482 INTEC UTIL Amazing pack with 207 utilities
U491 HDTRACKER V3 Best music writer program
U492 WORK STATION (2 disks WB1.3 only) WB replacement
U495 DISK UTIL brill collection of Hard Disk util
U496 EASY PRINT (A500 only) lots of printing utils
U498 WORK MATE 1.5 brilliant disk utils compilation
U507 DISK UTILITIES V3.0 collection KIT (state Amiga owned)
U541 ROT STUFF more util disk compilations
U556 WORK TOOLS & DISK RESALVGE / REPAIR KIT
U557 COPY V3 PROFESSIONAL Excellent disk copier
U939 ULT BOOT BLOCK 40+ bootblock generator/maker
U941 ULTIMATE BOOTBLOCK Collection II + more
U942 ZIRCON UTIL 30 MOST USEFUL UTIL 2, brilliant
U515 WIT COMPETE UTIL 20 most used utils

U521 SPECTRA PAINT III rival to DPaint
U550 SCENERY CONSTRUCTION KIT FRACTAL, recommend
U561 ASSASSIN BOOT BLOCK one of the best bootblock tool
U555 CROSSWORD CREATOR (not WB3) crossword maker
U561 PERM CHECK a full POOL PREDICTION program
U568 ICON CONSTRUCTION KIT icon making program
U569 ICON ready made (4 disks)
U590 600 NUMERIC PAD EMULATOR (A600 only)
U591 DEGRADER (not WB1.3) A500 emulator
U592 KILL AGA make older programs run on A1200
U593 C64 EMULATOR II util & documents
U601 DISKSALV II + ABACKUP (not WB1.3)
U603 THE GREAT COMPENDIUM over 450 games
U620 HOW TO CODE IN C (2 disks) + many examples
U622 ACTION REPLAY V1.5 cartridge on disk
U623 ACTION REPLAY V4 (A1200) ONLY same as above
U645 PC EMULATOR V2.3I (WB3 only) SVGA PC emulator
U650 CPY & CRACK TOOL 2 more powerful copy programs
U680 NEW SUPER VIRUS KILLER (not WB3) kill 316+ viruses
U689 FORCASTER V2 horse racing prediction program
U690 ASSASSIN COPIER (lots) includes Xcopy3/dcopy etc
U694 SUPER DUPER 3 (NOT WB1.3) so fast disk copier
U696 AMOS PROFESSIONAL disk assembler tool
U699 MEGACHEAT V3 = even more game cheats
U700 ANIMATION CONSTRUCTION KIT V1.2 + good
U702 V-MORPH V2 create smooth morph animation
U703 POOL TOOLS 2(Latest) predicts horse racing
U705 TRON-CAD best creative circuit board art examples
U707 GAME TAMER (3&4) - (2) Even more games cheats
U708 LAST WILL AND TESTAMENT write your will
U709 MEMORY MAP (2) Map out your own packages
U714 ENGINEERS KIT various test kits for Amiga
U718 MAGNUM 1.9 REQARD the best disk magazines creator
U721 PONY FARM V2= loads of fonts + font viewer
U723 EXOTIC RIPPER rates as the best sound/graphics ripper
U724 PAINT SET UP (2) requires the scenery construction
U725 PARNET CABLE MAKER INSTRUCTION project save £££
U726 AREX MANUAL (not WB1.3) complete manual. Highly rec
U729 A-GAMES BOOT UTIL 50 best block creator utility
U730 SOFT AGA (A500 plus or A600) & min 1.5 meg
U731 A-Z GAMES CHEAT (for over 500 games)
U732 MINI MORPHS create TERMINATOR 2 effect
U736 AWARD MAKER II + hundreds of ready made, brilliant
U737 ASSASSIN CRUNCH V2 (not A1200 only)
U738 S.KICK PROFESSIONAL V3.2 Various versions of K-Start
U739 SUPER MAKER V3.1 powerful disk utils
U740 CROSS DOS 5.1 plus read/write PC<> AMIGA disk
U741 HD-DISK TOOL BOX + many more disk util recommend
U742 HOW TO CREATE AUTOBOOT DISK - Video + util
U743 UTIL -Disk Maker v3. MAKE AUTO DISK
U744 FINAL MANIA 4- BIOMORPH Brilliant Collection
U745 AF WORKBENCH (WB1.3 ONLY) replacement
U746 3D GARDEN DESIGNER can view from any angle brill
U747 ASTRONOMY V2 predict planet prediction
U748 ILLUSIONS DRAWING program like Dpaint
U749 DISK REPAIR 2 (Disks 2 & 3) include loads more
U750 MUSIC CATALOGUE (not A500 1.3) very easy to use
U751 SYSTEM CHECKER TOOL must for any amiga owner
U753 HARD DRIVE UTIL + lot more Hard drive util
U754 PARBENCH installer (complete)
U755 PRO CAD electronic latest circuit board designer
U758 WB MENU_MUNCHER menu system, easy to use
U760 ICON PLUS (3 DISKS) Hundreds of stunning ICONS
U761 RESOCT 1.4 (not WB1.3 emulator)
U762 FAKE FAST MEMORY. make older software run
U777 TELETEXT RECEIVER Project. Highly recommended
U781 DISTRACE V3 display information why some program refuse to run. Also monitor Amiga activity RECOMMENDED
U783 HARD DRIVE GOLD must for all gamefreaks
U789 HARD DISK MEMORY V2 use HD as memory (ex MMU)
U790 WINDOW BENCH V2 (WB 2/3) 2 disk new workbench replacement, include lots of useful utilities
U791 COMPUTER DIAGNOSTIC TEST V9 Amiga complete system tester

U800 PRINT A CARD include many ready made
U801 MULTI-PRINT V4 lot of printing util
U805 DISK PRINT print out catalog disk labels
U807 FONT & PRINT Load of utilities to wiew & print your fon
tion. RECOMMEND
U850 POOL WIZARD -(football) prediction
U832 DIVIDEND WINNER - Prediction rogrname for use with
WOOD, VERMON, TETTER ect
U834 FORCASTER 2.02 New Horse prediction Prog
U839 AUDIO MAGIC 4-Procknacker V3.Exodicc ripper
U843 AUDIO MAGIC 5- Ochamed player etc
U849 C64 emulator V3 (2DISK) C64 emulator/latest
U848 SPECTRUM EMULATOR V3- Spectrum emulator lates
U852 EAGLE PLAYER (2disk) the best music player.
U851 DELI-TRACKER (2disk) play all music format.
U881 SONIC DRUM KIT V2 Make drums sample
U882 DISK COPY Pack- collection of 10 disk copier
U883 OPTI-Utils 1-over 30 disk copier/Optimise ect
U885 INTUITION BENCH MARK V6.5 (Not WB1.3) Superb
U886 COMPLETE WB UTIL (2DISK) very useful Util col
U887 DISK REPAIR KIT 4-include disk repair, undelete,autoc
diskmate, diskmate II, etc
U888 STEREO-SCOPIC V2.a (not A5001.3) This is the
DOT STEREOGRAM generator
U901 FORTH PROGRAMMING (NOT WB 1.3)
U957 SCALA BACKGROUND (2disk) High quality image
U960 PROGRAME LOADER 2-New Hardisk menu
U961 MAGAZINE 3: 32(disk) science fiction magazine
U963 AMOS & AMOS PRO COMMAND EXTENSION
U967 PRO-BASIC 5- Super powerful basic programme
U978 DELUXE PAINT 4 BUDDY SYSTEM-(2) Get the
Paint Instan on line for easy location
U981 VIRUS CHECKER V6.54 =AUTO UPDATE MONTH
DIRECTORY OPUS V4 add Extra Command/BUTTON
U983 MAGIC WB & MAGIC MENU - Both Latest version
U986 VIRUS-WORKSHOP V5.1-the best Virus killer
U987 GRAPHIC-CONVERTER (2D) Convert picture ect
U988 TURBOCAT Auto change your disk Blocks
U989 AUTOBOOT DISK MAKER V4 -very useful
U990 IMAGINE STUDIO V2.(2DI) The best PD image/pictur
available over 400 commercial quality clothing hundres of poses
U969 POWER-CACHES Speed up disk loading,Accesses
U970 HARDFILE SECURITY 1 Large password system to
game eg Lockout2,Password & many more
U971 HARD-DISK & FLOPPY DISK DOUBLER (Equ) our WB
U973 CHEAT 'EM 600 + GAMES, LEVEL CODE ect
U974 HD GAMES INSTALLER 2 install loop games to HD
Rise Of the robot,Mortal Combat2 & more
U975 DMS V1.04 Pro, Crunch-mania disk. (not1.3)
U976 MAGIC SLECTOR V1.4-Change Magic WB back dra
U977 MAGICWB ICON ANCHOVE (3) 1000's of MGWB icons
U998 X-PASSWORD-protect your hard/floppy drive
U979 ICON ACHRIVE(3) 1000's of normal IconZany Amiga
U984 TUTURE STUDIO. Render Various Texture/for use
3 ect req FPU (not 1.3)
U985 PRO-GAMBLES V2 must for all gamblers
U986 BOOKIE BETTER 2 - get reg program to win bookie
U997 HD GAME INSTALLER 3. Install more game to HD
U998 EXOCTIC RIPPER V3.b Latest ripper
U999 HD MEMORY new collection-(require MMU
U1000 MAGIC OPUS VOL 2 & 3 (2D) more Dopus button
U1001 CUT & PASTE ANALYST -check your ceo problems
U1002 TURBO CAT-(WB 2&3 only) catalogue creator
U1003 LOTTORY WINNER V2-new version
U1004 BENCH MARK-(Disk) all about electronic
U1006 LOTTO LUNACY V2 Update latest lottery predictor
U1007 ALL NEW HARD DISK UTILITY DISK
U1008 HARD DISK MANAGE PROJECT 2 (2) Build dozen
to fit Amigas in a tower case
U1009 DATA ALERT 3-explain why your computer crash
U1010 WB2.04 INSTALLER-install A500+/A600 to HD

PUZZLE GAMES II

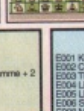
Massive collection of all the very best puzzle games ever released including some of the classics like Rubic-cube, Picture-Puzzles etc.. much too many to list. Very popular

5 disk pack only £4.99

ARCADE GAMES II

COLLECTION OF THE VERY BEST SHOOT EM UPS
MUST FOR ANY GAMES PLAYER

5 disk pack only £4.99



BOARD GAME II

The very best board games ever released.

This pack contains the very latest CHESS, CHECKER, SCRABBLE, MONOPOLY & DOMINOES recommend 5 disk pack only £4.99

Printer Pac

5 disk pack with all the latest printing
specially designed for printing our
documents, text & pictures ect. and
to print out AS Booklets (ver handy).
A must for any Amiga owner
Printer Pack (5 disks)

GAMES

G222 MEGA 21 GAMES amazing 21 games
G235 DRAGON CAVE brilliant 3D puzzle games
G240 QUADRIX very addict excellent
G242 TAKE EM OUT like to Operation wolf
G253 DESTINE MOON BASE Arcade conversion
G272 TANK BATTLE 2 player tank battle games
G278 ARCADIA the best ARKNOID clone
G300 Q-BOID cross TETRIX and INVADERS.
G303 DIMENSION X 2 player LIGHT CYCLE GAME
G310 NEBULAR Exceded 3D shoot em up
G316 GALACTIC . Excellent 8 levels arcade
G317 HYPER-BALL Speed ball +level editor
G320 GHOST-SHIP Very good 3D adventure
G325 BATTLEMENT hunch back of notchs
G326 MEGA GAME COLLECTIONS III 3 top games
G329 MADONNA NUDE PUZZLES for the girls
G331 GRAVITY massive space exploring game
G333 CYBER-NETIC Brillant 8 way blaster
G334 DONKEY KONG -(A/1200 order code AGA296)
G335 CRAZY SUE II- best platform to date
G342 SUPER SKODA CHALLENGE (& track editors)
G344 STAR-TREK similar to RAID2 but harder
G355 DOODY very cute & extremely addict
G356 WONDER LEMMINS-dugeon type games
G370 KALATRIZ (not A1200) arcade tetriz clone
G373 AIR ACE II Very playable shoot em up
G394 OTHELLO best PD version
G396 MOUSE IMPOSSIBLE very addictive puzzle
G390 TETREN most polish Tetriz ever release
G392 STRIKEBALL brillant base ball clone
G399 TRAILBLAZER brillant (not A1200)
G400 FIGHTING WARRIOR like street fighter
G404 DOMINOES only one of it kind on PD
G406 TOTAL WAR - strategy like chess in space
G411 BATTLE CAR 2- 3D car racing
G431 NESTER CARD GAME- hours of fun for a quit.
G435 ROULETE american roulete excellent
G436 TRAILBLAZER II Excellent
G441 E-TYPE 2- very good asteroid great graphic
G443 OLEMPIAD DISK (2D) Olympic sport events
G445 CRICKET SLENDER GAME, rank, search & desender
G446 OBLIDOX excellent Arcade/Puzzle game
G448 PARACHUTE JOUST quite playable
G455 CASTLE OF DOOM VG graphic adventure.
G460 WIBBLE WORLD GIDDY Large platform game
G467 CASH FRUIT- good fruit machines
G478 AMOS CRICKET cricket games
G488 EXTREAM VILONCE 2 player battle out
G489 GUNMAN MACHINE- very challenging puzzle
G490 MEGA BALL 2 very playable break out clone
G491 BOUNCE & BLAST brillant platform 10/10
G492 ZOMBIES & DEFENDER 2 fantastic games
G494 MERCANERY SIMULATION 3D wars games
G499 LIFE -simulation very interesting
G500 TRANSPLANT dozen of level fast arcade.
G501 KLAWZ-THE-KAT-great platform games
G511 HIGHWAY HELL like SPY HUNTER on the C64
G531 OPERATION FIRESTORMS-brillant
G534 CASTLE KLIMQUAT similar to Alien breed
G535 BLACK DAWN brillant graphic adventure
G538 MORIA 5.4 The latest Dungeon & dragon
G538 BRIDGE Good version of bridges
G540 DRK ATTACK bloody adventure

101 GAMES

PRICE ONLY £9.99

Brillant collection of over 100 of the very best of PD games includes INVADER 2- Tetre, Monopoly etc Much too many to list. Very easy to use menu system Most games come with full playing instructions

MUST FOR ANY GAME PLAYER

COMPATIBLE WITH ALL AMIGAS

All games are selectable from an easy to use menu & reset game come with full playing instructions

G541 REBOUNCE 2 player futuristic breakout
G542 ROAD TO HELL brillant car racing
G544 SUPERTOM CAT New vertical shoot em up.
G545 KUNGFU CHARLIES mix with platform brill.
G546 RAID 2 similar vertical scroll shoot em up
G546 QUIZMASTER very good quiz programe
G552 ELEVATION games base on lift ??
G560 HIGH WALKER Base on STAR WAR games
G567 STARBASE 13 (2D) Bill like MONKEY ISLAND
G657 AMOS LOADSA MONEY best FRUIT-MACHINES
G659 MR MEN OLYMPIC (2D) many event to complete
G660 4 L.O.D DREAM 4 small hand held gamesG
G664 NEIGHBOUR GAMES (2D) base on the TV series
G665 TIME RUNNER (WB2/3) Brillant graphic
G667 GOLIKI One of the first & decent GOLF
G668 AMOS CRICKET 2 New Amos cricket simulator
G669 MUGSY REVENGE gangster graphic adventure
G672 JIGSAW (2DISK) very playable jigsaw games
G673 BOBBY GARDEN + DIGGER (NEW) Brillant
G674 HIGH OCTANE Fast car racing (hotwb1.3)
G675 TIME RUNNER amazing graphic adventure
G680 SPACE-INVASION 2 - Fantastic Galaxain
G681 AUTOMOBILES - PD version of SKID MARK brll
G682 BANDIT MANIA - Brillant fruit machine demo
G685 PROTECT BUZZ BAR -Brillant asteroid
G689 GUN FIGHT (not A500/1.3)
G690 THE REAL POPEYE 64 (a500 1.3 only)
G692 SPITFIRE DEFEND-BRAID Defender clone
G696 AMIGA-BOY-Game boy emulsor + tetriz
G732 DETHELL IN SPACE. Recommend.
G736 OVERLANDER Brillant arcade MOON ALERT
G737 SERIOUS BACKGAMMON The best in PD BG

101 GAMES 2

PRICE ONLY £10.99

This is the very latest all new 101 games compilation pack 2 containing some of the very best in PD games like Zaxx, Wonderland, Dragonflies ect. Much too many to list.

COMPATIBLE WITH ALL AMIGAS

All games are selectable from an easy to use menu & most game come with full playing instructions

G771 STAR WOID (2 Disk) brillant Thrust
G772 UN-SENSIBLE SOCCER very similar toSensible scoccer games. RECOMEND
G773 FRUIT MANIA -Brillant Fruit machine.
G774 TRICKLE TREAT -like DOOM on the PC
G775 PUZZLE PROFESSIONAL The version use
G782 SOLO ASSAULT 3D like Wing Commander
G783 SEED OF DARKNESS-Brillant graphic adven
G784 NANO FLY Superb explore game RECOMMEND
G785 THE GREAT GOLD RAID- very addicted
G787 ANT WAR V1.9 (LATEST) not 1.3
G788 ZENO-MORPH -Great game
G789 TANK FORCE- very good MIND SHADOW clone
G790 GREEN FIVE Amazing 3D graphic like
G791 PROFFESIONAL BINGO CALLER
G792 MANIC MINER like Bleed Issue II
G796 EXCELLENT CARD GAMES collection
G809 BLITZ 2 fast action shooting games
G810 EXIT 13 Brillant puzzle
G811 TERMINAL MISPLACEMENT-graphic adventure
G812 ADAY AT THE RACE-V.Goodhorse racing games
G820 BOULDER ORIGINAL with 80 level
G821 BOULDERDASH cavelevel Construction kit
G822 BOULDER COLLECTION 2/3 160 level (2disk)
G839 BOULDER PACK with 640 level on 8 disk
G860 ALIEN NET WORK-new Spacing invader
G862 BATTLE FORCE excellent text adventure.
G863 GNU CHESS the best chess with 10 level
G868 SWORD OF YIGG Graphic adventure
G867 POWER-TETRZ for 1 or 2 player
G868 SUPER SMASHING TETRIZ
G870 CHESS II & CHECKER One of the best around must for all CHESS or CHECKER player
G871 GRAVITY FORCE 2 1 or 2 player thrust clone
G872 SCHNEBITZ Commercial quality puzzle games
G875 DELEXE GALA v2.3(new) add new feature &bours gamme + 2 player RECOMMEND, got it now
G876 THE KING LOAN INCENDIENT like ELITE2Epic
G878 QUANTUM-Maza colact & escape type games

NEW 101 GAMES PK 3

new 101 pack 3 contains over 100 games. run on all Amigas only £11.99 offer buy any 2 pack together & recieve a free £4 token for use with next order "this offer cannot be used with any other offer current & subject to condition apply

G879 RAG TO RICHES - like MONOPLY
G884 WIPE OUT-mindless blasting gamse
G885 GODZILLA. Another shootem up
G886 SUPER MEGA FRUIT- All new Fruit Machine
G886 FLYING MANIAC 3D (fil vector likeindi500) car racing- very fast. RECOMMEND
G892 PENGO 2- Maze type games. Recommend
G893 SUPER OBLITERATION Blast asteroid verysimilar to PANG 2 lot of repetitive RECOMMEND
G894 SUPER INVASION II -New SPACING INVADER
G897 THE SHEPERD Brillant POPULUS clone. REC
G898 ALIEN GENOCIDE (2) Shoot ems set in space.
G899 PUCKMAN. One of the better PacMan around.
G900 SUPER-BATTLE ZONE.3D (not WB1.3)
G901 M*A*S*H a (ANTWAR 2) play very similar toLEMMING & WORMS with load of Weapon (Brillant)
G904 LAST SOLDIER (2) multilevel platform games
G905 CSBERTECH (2) excellent ALIEN BREED Clone
G906 HANGMAN any one for a game?
G907 ICE SPACE nice Platform games
G908 COLOURMANIA slide/Kuzniz type puzzle games
G910 HARRY-HADDOCK- Brillant plesformer games
G912 MANGLE FENDER- Brillant, Smash up otherscarbrk ect to win. extremly addicted. get it
G913 ARCADE GAMES CLASSIC Vol 1 & 2 (2d)
G914 HELICOPTER-play like Desert strike
G915 LOW WARS. Very addicted 2 player games
G916 ISLAND -Play like Monoply.
G919 COP THE LOT Pro Latest Lottery predictor
G934 DRAGONFLIES PROFESSIONAL The version use
G921 MONOPLY. (board games) The best version
G922 JET WILLY 3 - excellent platform games
G923 GUNMAN ENGINE-Excellent 3D run gun game
G924 POWER MACHINES. Grahically brillant shoot
G925 SUCIDE-MACHINE Operation wolf style
G925 ZAXXON 3D Superb C64 3D blaster games
G927 THE WORMS V3. Great platformer. recommend
G928 PUNTER-Animate horse racing games
G929 ARCADE JIGSAW (2d) include LION KING
G930 WHEEL CHAIR GLADITOR-Very fun to play
G931 BUMBLE-Brillant New arcade puzzle.
G933 BLACK DAWN 3- THE NEW BEGINNING (2) Superb 3D adventure. RECOMMEND
G934 PRO ROCKET (NEW)very good rockets games
G935 BATTLE SHIP- the finest PD version
G936 LAST LAP - Fast car racing

GAME HINTS & CHEATS II

Play your favourite game for ages? but can't get to the end of the level or game? Having problem with some games? 5 disk pack with 1000's of games cheats/ help/level code action replay poke etc should help you finish many games suitable for all Amiga only £4.95 Update & release on 29 July 95

EDUCATION

E001 KID PAINTS. superb paint special for kids
E002 COLOUR IT brillant computer colouring book
E003 TREASURE SEARCH find the hidden treasure.
E004 LEARN & PLAY (not A1200)many maths & games
E005 LEARN & PLAY II more education programs
E006 SPANISH TRANSLATOR Spanish<> English
E008 MR MEN (WB1.3only) brillant story adventure
E009 ASTRONOMY tutorial on solarstar ect RECOMEND
E010 SIMON & SPACE MATHS maths & simon games

E011 EDUCATION PACK 1

packed with dozen of education programs ranging from maths, science to educational games recommend suitable for any Amiga. 5 disk pack only £4.95

E011 EDUCATION PACK (5 Disk) pack with lot of ed program ranging from maths to games recommend
E012 FUN COUNTRIES teach you all about Dinosaurs
E020 WORLD DATABASE require (2+meg)
E021 STORY LAND II interact puzzle games rec
E022 LANGUAGE TUTOR teach you 4 language
E023 TALKING COLOURING BOOK talking Dpaint bril
E024 EASY SPELL II improve your kid spelling
E025 SCRABBLE require 2-4player. brillant
E026 WORDS can help you solve the crossword
E027 OSWALD Very colourful large cartoon game
E030 EVEN MORE Create your own hyptol
E031 IQ TEST + IQ GAMES pack 1 excellent
E033 TYPING TUDOR very good typing tudor

EDUCATION & 21 GAMES pack

Collection of the very best of education program & a 21 games pack. a top popular combination for kids. (run on all Amigas) 5 disk pack only £4.95

E035 CHESS HELPER help/teach how to play
E036 BASIC TUDOR learn about Amiga basic Prog
E038 MAGIA TUTORIAL 7 part tutorial
E039 COMPUTER CARE how to care about AMIGA
E040 GUIDE TO LOWER BACK PAIN tutorial the spine & how to excel back pain. (recommend)
E041 KID ALPHABET display all alphabet letter
E049 FUN LEARNING & SLIDE QUEST maths & games excellent
E043 MATH MASTER teach/test you more on maths
E044 STEAM ENGINE V2 graphic & tutorial
E045 PETROL ENGINE (2disk) A remarkable graphic
E046 GAS TURBINE ENGINE tutorial & anim graphic
E047 STIRLING ENGINE tutorial & anim graphic
E050 DRAW FOR ANGEL tutorial how to draw art of dream E051 INVISIBLE WORLD brillant recommend
E052 FISH TANK turn your amiga into a FISH-TANK
E054 DISKMAGIC PROFESSIONAL The version use
E055 WORD POWER solve crossword puzzle ect good.
E056 WORM HOLE simple game ideal for children.
E057 SIMPLE CATCH-Fun telling kids to catch the right
E058 CROSS MAZE & CRYPTOKING 2 excellent kid games E059 VERB QUIZ find the word & it related. Brill
E060 FUN GAMES (5IB) (4d) complete bibles excel
E066 TARROT clairvoyant in a instance
E068 GALLOW fancy a games of hang man?
E070 MATH DRILLS teach all basic math skill Vgood
E071 ERROR INFO give info why your amiga crash
E075 INTELLIGENCE WAR 2 graphical test on WORLD-WAR releate program eg simulate Starprobe/ molecuoles ect
E076 SCIENCE an excellent collection of science ideal for all who interesting or studies in science recommend. this pack come on 4 disks
E080 KIDPRIX great children paint programme.
E081 ASTRONOMY PACK- The is a amazing collection of programe relate to astromy. can help to locate certain or star position ect. must for anyone who studies astromy or hobby. great (4DISK)
E073 PICTURE & LETTER learn to reads- first step
E074 AMIGA BEGINNER GUIDE tutorial on Amiga.
E085 NOODY PLAYTIME demo >Very good
E060 KID PIX more excellent paint programe
E061 D.T.P FOR KID easy to use, excellent
E092 SING A RYHMES sing a song
E094 HIGHWAY CODE TUTOR question on highway code E096 READ & LEARN (2D) THREE LITTLE PIGGY Story
E097 BACK TO SKOOL vol 1 collection of the best
E098 BACK TO SKOOL vol 2 in education programe
E099 BACK TO SKOOL vol 3 & games. RECOMMEND

E100 LITTLE TRAVELER information on world wide
E101 WORLD GEOGRAPHY world with map & test.
E103 DISCOVERY OF THE ATOM. tutorial on the Atom
DESK TOP GUIDE TO MUSIC (2DISK) Excellent
E107 TRUMPTY FIREWORK ALPHABET Very entertain
teach your child the ALPHABET
E108 HOW TO DRAW COMPUTER PHOTO 1 (2) Excellent
E109 MR MEN OLYMPIC (2D) many event to complete
E110 CULT TV DATABASE (2D) lots on early TV series
E111 HOW TO DRAW CLYMORS PHOTO 2 (2) develope
ELETRONIC WORLDS(3D) Complete Kidmes BIBLE
THE EARTH BEGAN-theory how the BIG BANG explain
the start & origin of earth
E118 WORMS-NOH 2 tutorial on Work Bench 2
E119 ANIMAL LAND Quiz on dinosaurs
E120 JUNIOR MATHS Great learning aid for teach kid
subjects. RECOMMEND
E121 PICTURE PUZZLE brillant JIGSAW type games

KID DISKS 1,2,3

Excellent collection of education programs ideal for kids various subjects while retaining the fun & game ment. 3 disk only £4.99 or any 3 disk from this catalogue for only 99p per disk. Order Code KID DISK &

E122 WORD FACTORY Brillant, teach kid words
E123 KID DISK 1 Brillant education pack For KID (3D) education programe
E129 KID DISK 2 (DTP), Drawing program for kid
E124 KID DISK 5 & 6 - 2 disk full of KID games
E125 JURASSIC PARK lots of info on dinosaurs
E126 CHILDREN SONG 2 contain 5 excellent song
E127 MINI SKY (A500 only)Kid about Chinese Astrology
E128 ASTRO 22 PRO V3-The latest astrology program
calculate the position of the planet, eclipe, zodiac positi
Recomend
E130 FRENCH VERD TESTER should help you with
CUT TV DATA BASE II (2 DISK) info info on early TV
E130 FIGHTING HISTORY Brillant
E133 LITTLE TRAVELLER II (2) Information on world wid
E134 X-MAS CLUES Guide to 37 series very interesting
E148 CHESS & TUTOR - FULLteach you how to play
INTERNET-FULL guide to internet & superhighway
E151 CUT & PASTE TUTOR (help) Must for beginner
E152 DELUXE PAINT GRAPHIC TUTOR V 3 & 4
E163 JAPANESE TUTOR - Learn the japanese language
E164 PAINT IT (not A500/1.3) latest COLOURING BOO
E165 KEY BOARD TRAINER An excellent typing tutor
E166 WORK BENCH 2 TUTORIAL (2) excellent tutorial
CROSSWORD CREATOR-design crossword
E169 CHESS I & TUTOR brillant Chess II games
E170 HISTORY OF MAN (2) Ancient Egypt & more
E171 CHILD FAVOURITE-Education prog
E172 ANIMAL LAND-learn about animal
E175 PAINT & MUSIC (2) Excellent COMPUTER (2D) brillant
CYBER PLINK 2 for cyberPunk freak only
E176 STAR-TREK & STARTREK NEXT GERENATION
Need for speed has cost more than 100s of picture from the
SERIES. 2
E181 SIGNATURE CREATOR customise your own sign
VIRUS WORKSHOP V4 comprehensive guide
E184 IMAGINES VIDEO 2disk
E185 WORKBENCH 3A GUIDE On line help/Compl
E210 LEARN & PLAY 3 Latest Education & Games
E240 BARNEY THE BEAR GOES CAMPING (2d)
child about self esteem
E241 COMMS GUIDE V1.1 beginner modem user
E242 GUIDE TO WEATHER (3d) superd compleme
weather programme
E245 MATH ATTACK- Maths relate games for kids
E243 ANIMAL LAND-Most for very kid. Excellent
E263 PICTURE-MATHS-Maths program for kids
E248 BRIDGE GUIDE TO WI3 (A1200 only)
E247 GLOBE FACTS (2) fact about earth
E

VARIOUS PACK

pack comes on 5 disks
£4.95 per pack

- FONTS pack (1 or Pack 2)
- FONTS Pack (1 or Pack 2)
- fonts for use with DPaint of Personal Paints
- CLIPART pack (1,2,3 or 5)
- WORLD MAP (Pack 1,2 or 3)
  world map
- PUTA-GRAPHIC FONT (Pack 1,2,3,4 or 5)
  font for WORDSWORTH or any DTP
- VARIOUS OBJECT(Pack 1,2 or 3)
- VARIOUS OBJECT (Pack 1,2 or 3)
- VARIOUS OBJ (Pack 1,2 or 3)
- FONT FOR ABOVE (Pack 1,2 or 3)
  state for which pack above)

stock many more packs. Please Phone

COMMODORE C64 V3

The very latest version. Now you can play real Commodore C64 games on your Amiga All pack below are complete & ready to play directly on your Amiga. Printed instruction provide

C64 & 45 original games.....£4.99
C64 & 100 original games.....£8.99
C64 & 200 original games.....£16.99

Ps. C64 & 100 games pack got 88% review in Amiga Shopper Issue 54

ZX SPECTRUM 48K

Now You Can Play 100s + 100s Of Spectrum 48K Gameson Your Amiga. Any Pack Below Is Complete & Ready To Run On Your Amiga. Full Printed Instructions Provided

SPECTRUM & 50 GAMES PK1 ONLY £4.99
SPECTRUM & 100 GAMES PK2 ONLY £7.99
SPECTRUM & 200 GAMES PK3 ONLY £11.99

SPECIAL OFFER
Take All 3 Packs Above & 50 New Spectrum Games For Only £19.99

More spectrum games available <.....screen shot from AMIGA

Special offer

C64 & 45 games pack
Spectrum V2 & 50 games
Vic20 & 30 games

All 3 packs for only £9.99

SEE LEFT FOR DESCRIPTION

1000 SPECTRUM GAMES PACK

come on very large number of disks twice more games than the SPECTRUM GAMES CD. Spectrum V2 emulator includ- ed hurry order now limited pack available only £39.99

C64 V3 PK4

Special ofter C64 v3 and 45, 100, 200 games pack with extra 55 C64 games making 400 C64 games & utilities disk come on very number of disk + games list & loading leaflet. Only £24.99

see C64 or Spectrum advert box for more detail

AGA A1200 & A4000 ONLY

THIS LISTING ARE FOR USE WITH AGA AMIGA

EXTENSION DEMO Stunning demo, fast landscape anim
ing city, regard the best AGA demo
FRACTAL GENERATOR fractal in 256 colour.
WORKBENCH HACK many hack/toy/blanker ect
NEW SUPER KILLER know kmow & kill over316 type of
for all A1200 owner
HOWARD new first demo for the A1200
KLONDIKE DELUXE AGA (3D) the best A1200 cardgames
ous lady as cards face 18 + only
SLEEPLESS NIGHT 3
PLANET GROOVE Truly A1200 Demos
MOTOR INVADER 2 (2D) Brilliant INVADER game
FONT OF SCALE Great A1200 only demos
CHROMAS- Fairly good demo.
WORLD OF MANGA (4DISK) magnificent Japaneseomic
include Japanes Chick ect recommend
MAGIC WORKBENCH Improve the look of your WB& add
tion to your WB really BRILLIANT
WB 3 UTILITIES load of Wb 3 only utilities
CHESS The best chess program games solsr but require
Brillant graphic
WORKBENCH 3 SCREEN Great back drop
ADULT SLIDE Vol 1-9 (2 disk each) *see below
BODY SHOP VOL 1-7 (2 disk each) *see below
COMICK vol 1-3(2disk each) *see belowto order any disk
state disk code &volume no? (remember 2 disk per vol-

AGA234 KNOTTY-Stunning AGA sliding pictre puzzles
AGA240 LOTTERY WINNER hope fully will improveyour chance of winning a jack pot..GOOD-LUCK
AGA241-258 AGA GAME-GALORE AGA 01-18 lot of games
AGA251 PACKMAN AGA -the best pacman yet
AGA252 ROCKET PD - Super thrust clonebrillant graphic for 1 or 2 player
AGA253 REAL DEMO stunning special effect
AGA254 DIRT AGA Brillant 256 colour effect.
AGA255 DELIGHT EXPLORE excilent demo
AGA256 KEFEREN AGA Demo lot of effect
AGA257 MINOMIST RAVE great rave music.
AGA258 PYTHAGENE Fantastic demo
AGA259 INTEL-OUT another very good demo
AGA260 SOMEJUSTIC94 Demo of the monthbrillant whirl effect. RECOMMEND
AGA262 TO THE DEATH very good STREET-FIGHTER clone with very good graphic
AGA263 GEORGE GALAXO (2disk) brillantmultilevel shoot/platform game. RECOMMEDN
AGA265 MISSILE OVER ZENON (2disk) Brillant3D missile com-mander with fantastic graphic
AGA266 TEAM-HOI DINO PLATFORM excellent dinoplatform
Note this was a commercial game
AGA274 MUSIC 2 SURVIVE 2disk 8 excellentmusic master piece. well worth getting
AGA271 RAVE MAXIMUM OVERDRIVE II (2disk)
AGA278 CHANNEL Z ISSUE 1 (AGA) (2disk)
AGA base disk magazines. RECOMMENDAGA disk magazine topic.demos/music
AGA285 WORKBENCH BACKDROP VOL 3
AGA295 DE-LUXE MONOPOLY- Board game.V addicted
AGA296 DONKEY KONG Arcade classic conversion
AGA297 BOMB PAC Extreamly good to play
AGA298 ROCKET 2 set deep underground brillantgraphic. even bet-ter with 2 player
AGA299 SCRABBLE-Now fully run on all Amiga
AGA300 MAGIC WB V2. Demo of version 2
AGA302 TUTANKHAM II(2) Education-Egyptian MUMMY
AGA303 PAMLA ANDERSON.(2) 18+ only BayWatch Babe
AGA304 BODYSHOP V8 (3) more bikini beauties
AGA305 TIMEZONE (2) V.Good graphic adventures.
AGA307 DENTAWOLF dooms demo
AGA308 NAXIS -Really show what AGA graphic co do
AGA310 FEARS (2d)- dooms clone demo
AGA312 JINX (2d) Fantastic arcade puzzle
AGA313 RAM JAM THE TASTE DEMO very wicket demo.
AGA315 ILEX MYSTIC. New AGA demos
AGA320 KLONDIKE 3 (4disk) Hd require & 2meg+we also have a list of 25 cards for above.
AGA321 HOT-BABE 1 (2) MUST BE OVER
AGA322 HOT-BABE 2 (2) 18
AGA323 HOT-BABE 3 (2) BEFORE
AGA324 HOT-BABE 4 (2) ORDER ANY
AGA325 HOT-BABE 5 (2) OF THE HOT-BABE PACK
Hundred of quality Magic wb icon & back drop
AGA388 DESK-TOP MAGIC- 32 animated screen blanker
AGA389 WAR OF THE WORLDS -full 3D games
AGA390 FEAR 2. Brillant 3D graphic games like
AGA391 PSSST Amiga version of Spectrum games
AGA392 CHILD MURDER(4)Horror graphic adventure
AGA390 FEAR II -Brillant 3D game play just likeDOOM on the PC Garenteed you impress.
AGA393 PC EMULATOR V3- Latest PC emulator
AGA400 HYPER RACE (2) Super racing games
AGA410 CINDY CLAWFORD (3) new
AGA411 ELLE MACPHERSON (3)
AGA412 CLAUDIA SCHIFFER (3)
AGA413 BIG GIRLS II (3)
AGA414 GIRLS GIRLS (2)
AGA415 NIKY TAYLOR (2)
AGA417 KYLIE MINOUGE (3)
AGA418 FEMALE BODY BUILDER (3)
AGA419 EXCELLENT CARD GAMES 3 latest
AGA420 POKER & BLACK JACK DELUXE (3)4MEG
AGA421 COLOUR WB make your WB more colourful
AGA422 RIDGE RACER Demo on the Amiga.
AGA423 DRUG STORE DEMOS (2disk)
AGA424 DREAM WALKER (2) Demos
AGA425 MYSTIC DEMOS(2) 95 excellent demos
AGA426 ORIGIN 2 (2 DISK), Amazing

DEGRADER

A1200 FIX DISK COLLECTION 1
A1200 FIX DISK 2 COLLECTION 2
RELOCKIT V1 4a latest. run A500 SOFTWARE
A1200 FIX DISK VOL 3 (new july 95)
above are design to make any old A500-A600
programe/games ect to run on your A1200/A4000
FOR ALL AGA AMIGA OWNER. RECOMMEND

A1200 UTIL - AGA TESTER, SYSINFO ect
ACTION REPLAY V4 Complete ACTION REPLAY.
MADFIGHTER 2 brillant street fighter clone
AGA BLITZ SCREEN BLANKER
FAST GIFF 2 display GIFF pic in Workbench.
AGA DIAGNOSTIC - NEW system tester
BLACK BOARD AGA decent Image processor
QUICK GRAB AGA -grab AGA screen PICTUREAGA110
BEYONDS 1 (3) stunning 256 COLOUR fantasy art.
userbreathless
SMELL LIKE CHANEL NO5 brillant demoray trace picture
on the A1200
MAGIC FACTORY 1 STAR TREK (5 disk)
AGA UTIL v1&2 (2) AGA util compilation
AGA UTIL V3 &4 (2) more of above
MULTIBOOT- 4 various version A500 EMU
OFFICIAL WORKBENCH 3 HARDDRIVE INSTALLER
WB3 HARDDISK PREF & INSTALLER installing
CROSS DOS PLUS v5.1 read/write PC files
SUPER LEAGUE 3 -latest manager games
SPEAK & SPELL - educational software for kid
BIG TOPS (18 + only)HMMmm
KELOG LAND -brillant platform games
ACTION REPLAY V5 - NEW UP DATE TO V4
GIGER TRAZ very playable 256 colour tetriz
FATAL-BLOW new STREET-FIGHTER 2 clone
CINDY CRAWFORD Vol1 (2 disk) latest release
INFESTATION (3 disk) The ultimated AGA demo
CINDY CRAWFORD Vol II (2disk) amazing
VIDEO TRACKER AGA-ultimate demo maker
MAGIC WB EXTRA vol 1 & 2 (2disk)
GIF BEAUTIES Vol (11-18) 8 more girls disk
FRIDAY AT 8 another brillant AGA demos
ASSASIN MULTIVISION AGA pic viewing util
ALIEN FRENZE 2 player blasting +power up
BIG TIME SENSUAL (2disk) SPACE BALL 2
MASQUERADE 2disk brillant puzzle games.
RAM JAM 94 it cat be done (2disk)
EXPLIXIT 2 DEMO new effect wellidone.
COMPLEX ORIGIN 2disk require 2 diskdrive
TREASURE OF TUTANKHAMUN- eductation tool
LOVE 2 disk-simply brillant DEMOS
AGA UTIL 7 & 8 (2 disk) ,More USEFUL util

SEE PAGE 1 FOR MORE SOFTWARE FOR YOUR AMIGA

***** HARDWARE AT UNBEATABLE PRICES *****

A600 MEMORY

Half Meg upgrade
RRP ~~£24.99~~ now only £10.99

Easy installation full manual included

Zappo External disk drive Only £39.99 (free P&P)

Smart Stor	20mb	£39.99
Smart Stor	30mb	£49.99

Smart Stor is an external Hard drive which plugs into the PCMCIA slot in your A600 or A1200. Full work bench installed (Please state Amiga owned so we can install the correct WB for your Amiga ready to use). Order before Christmas for we will include 10Mb of the very latest PD from the Aminet...FREE
Full portability... installation removal only takes seconds highly recommended.
Supplied complete & ready to use (for A600 & A1200) only

Muti-Start II (Rom Switch)

Switch between version of kickstart on your Amiga with ease. Hugely improve software compatibility with the A500 1.3 (just like owning 2 Amiga models in 1) This is the very latest version II. Fitting is very simple full step by step installation manual included. No soldering required.

Complete with romswitch boards, all ribbons & cables, manual and the WB 1.3 rom (Brand new & Boxed)

RRP £34.99
Now Only
£15.99
For A500 Plus/A600 & A2000

SOFTWARE2000 DOUBLE CD CONTAIN

OVER 1965 DISKS

This is the big one! Nearly 2000 original disk from the SOFTWARE2000 library included on a Double CD set. For title list just take a look at this Doubles advert for example of titles & packs which can be found on these CDs. No lucky dip or unknown software. Full description on every disks/titles. Very easy to use menu-system on both CDs. This unique menus system lets you explore the contents of both CDs without disc swapping..... Excellent. See below.

EXAMPLE OF DISK CAN BE FOUND ON THE DOUBLE CD SET

- 294 VARIOUS UTILITIES DISKS,
- 252 ANIMATION DISKS,
- 181 AGA DISKS,
- 92 TOP SAMPLE AND FX DISKS,
- 118 EDUCATIONS DISK,
- 133 DEMOS,
- 225 MUSIC DISKS,
- 18 DEMOS (Adults only)
- 402 +VARIOUS GAMES DISKS - With an estimate of around 1000 Amiga games,
- 50 LATEST MAGIC WB & BACKDROP Versions for all Amigas also includes 100's of Imagine Obj, 600 Amiga fonts, 100's quality B&W & colour clip art & many more

ALSO INDLUDED ON THE CDS ARE

OVER 1000 NEW Spectrum Games (Play direct from CD)
&
AROUND 700-1000 NEW C64 Games Files (EMULATOR INCLUDED)
Both Never been released on any CD Roms

- ☑ Over 600MB per CD
- ☑ Menu Compatible with All Amigas
- ☑ No duplicate of data
- ☑ Very Easy to use Menu

RRP £34.99 NEW PRICE

2 CD SET

Now Only ONLY £29.99
+70p for P&P

LOTTERY WINNER

NATIONAL LOTTERY

EXCELLENT COLLECTION OF VARIOUS LOTTERY WIN-NER PREDICTION PROGRAM
HIGHLY RECOMMEND
Pack only £4.99

UFO THE CLOSE ENCOUNTER

& 100s of real life documents of UFO sightings, happings & Animal mutilation and many more. very interesting read 6 Disk set only £5.99

UFO - ALIENS MULTIMEDIA

100s of documented cases on UFO sightings, abductions, Cattle mutilation & many more. Many with photo to back up the claim. some are so secret only released recently by MIW
9 disk pack only £8.99

CARD GAMES PACK II

FOR ALL CARD GAMES FANS.
If You Like Poker, Black Jack, Spade, Pontoon, Solitaire, Bridge, Klondike etc then this pack it is a must
Only £4.99
This pack contains 5 disks

BUSINESS SOFTWARE

U007 TEXT PLUS 2.2e easy to used word processor
U023 BANKING Home account program
U088 LABEL DESIGNER design your own labels
U089 EASY Excellent Database prog. RECOMMENDED
U144 DESKTOP PUBLISHING The best PD DTP available
U128 BUSINESS CARD MAKER (not A1200) brillant
U129 BUSINESS LETTERS very handy & easy to use
U811 BUSINESS CARD MAKER – can Print in colour
U120 DATA BASE WORKSHOP (2) brillant PACK
U121 SPREAD SHEET Very easy to used spreadsheet
U122 DATA BASE Very powerful Database. Easy to use
U112 RIM DATABASE powerful database + full DDC
U123 DATA BASE Professional II The best database yet
U237 TEXTRA Can edit several documents at once
U238 DATA BASE Small easy to operate database
U256 PENNY WISE very powerful database
U257 VISICALC Great database ion o functions
U356 TEXT-ENGINE V3.4 – full feature wordprocessor
U344 LITTLE OFFICE – database/wordprocessor/spreadsheet
U345 HOME BUSINESS JOURNAL – easy to use database
U357 SUPER APPT DATABASE many receipt
U364 HOME ACCOUNT – Account program
U365 ASSASH regarded as the best account prog. Excellent
U366 JOURNAL 2 feature account prog
U368 LORAN NOTE BOOK database & world map
U369 DATA BASE complication – sell to date
U326 MORTGAGE CALC calculate mortgage repayment rate etc
U327 MONEY PROGRAM very good account program
U437 ACCOUNT MASTER V2.8 new account program
U558 FAMILY ACCOUNTANCY – ideal for home insurance
U559 ADDRESS PRINT V2.1 store & print addresses
U560 TEXT ED V4.0 pro requires HD & 2meg
U681 TEXT ENGINES v4.1 latest 36,000 word spellchecker
U711 HOME ASSETS 2 details of home contents, for insurance
U712 EDWORD PROFESSIONAL truly the best wordprocessor
U725 PC CALCULATE massive spreadsheet max 32Mb cells
U755 PAY ADVICE ANALAZER – money prog
U756 PAY ADVICE PRINTING print addresses on labels
U869 PAY ADVICE V3 account program
U870 LABELS – print labels etc. new
U871 THE MONEY PROGRAM – accounts
U901 LOANS ACCOUNT – loans
U954 INVOICE – one of the best Invoice makers
U956 ACCOUNT MASTER V2.2 (latest) program
up to 1000 entries per account

18 DEMOS

MUST BE 18 OR OVER

X80 CINDY CRAWFORD (2)
X74 MADONA (SEX) (3)
X01 SHOWER GIRL
X03 BODY TALK (2)
X09 MARIE WHITTAKER
X24 SABRINA SPECIAL
X25 DIE FILKINGER
X26 MADONA EARLY DAY
X28 KATHY LLOYD
X30 MEGA-MAID
X31 CALENDER GIRL
X32 MAY FAIR
X33 UTOPIA (4 DISK)
X45 GIRLS OF SPORT
X49 PAGE 3 GIRL
X70 GON GON GIRL
X71 TINA SMALLhot
X91 CINDY CALENDAR 95
X96 HOT BABE 1
X97 HOT BABE 2
X98 HOT BABE 3
X99 HOT BABE 4
X100 HOT BABE 5
X101 BIG GIRL II
X102 FEMALE BODY BUILDER
X103 GIRLS GIRLS
X105 ELLE MACPHERSON
X106 CLAUDIA SCHIFIFER

NEW - MAGIC WB

(IMPROVE YOUR WORKBENCH BY 500%)
this new version of magic wb are fully compatible any amiga even the very basic amiga can now run magic wb.
THE PICTURE IN THIS BOX IS AN EXAMPLE OF MAGIC WB

U995	Magic WB 1.3	.For any Amiga (WB1.3,-3.0)
AGA021	Magic WB AGA	.Special A1200 & 4000

EXTRA FOR USE WITH ABOVE

***MAGIC WB EXTRA* vol 1-12 (2 disk per volume)**
TO ORDER ANY MAGIC WB EXTRA JUST WRITE MAGIC WB EXTRA & VOL REQUIRED

BACKDROP FOR USE WITH ABOVE
each disk pack with dozens of quality back drops for use with Magic WB

- VARIOUS B-D 1 (4D)
- VARIOUS B-D 2 (2D)
- MANGA B-D 2 (2D)
- SEXY BACK DROP (1D)
- NEW AMIGA LOGO (1D)
- MAGIC SCENERY (2D)

SPECIAL OFFER
Magic WB pack
Magic WB Vol 1-6 total (12) ..only £7
Magic WB Vol 7-12 total (12) ..only £8
Each pack above when unpacked will fill 12 disks full of Magic WB. just like above retail at £1.98 per volume
VERY EASY TO UNPACK

LITTLE OFFICE 2

New Release includes
350 Business Letters
Word Processor
Calendar
Name & Address Database
All this for only £1.99
COMPATIBLE WITH ALL AMIGA

Harddrive & disk drive space doubler

Epa V1.5 this doubles the size of your HD or DISK Drive storage capacity. RECOMMEND
EPA V1.5 only .99p
SUITABLE FOR WB2/3

MANGA AKIRA

Brillant pack of 6 disks containing some of the best MANGA AKIRA Games, Animations, Slideshows, Demos. All based on the Japanese MANGA.
6 disks only £5.95. Run on all AMIGAS

HARDWARE PROJECT III

Build dozens of project, include an a ascerate for an A500 for less than £15 install 3.5 HD in your A600 & A1200. Put your A500/A600/A1200 in a towercase for less than £30, Use 1.44 PC disk drive on your Amiga, Add on Pocket Modem to your Amiga & many many more
this could save you £££....(not for beginner) .....3 disk pack only £5

WE ALSO STOCK THE ENTIRE COLLECTION OF LSD TOOLS 1-150 SCOPE 1-220 FRED FISH 1-1000 LSD DOCS 1-46 ASSASSIN GAMES 1-200 ETC

World Construction Set

AMIGA MAGAZINE SUPERSTAR

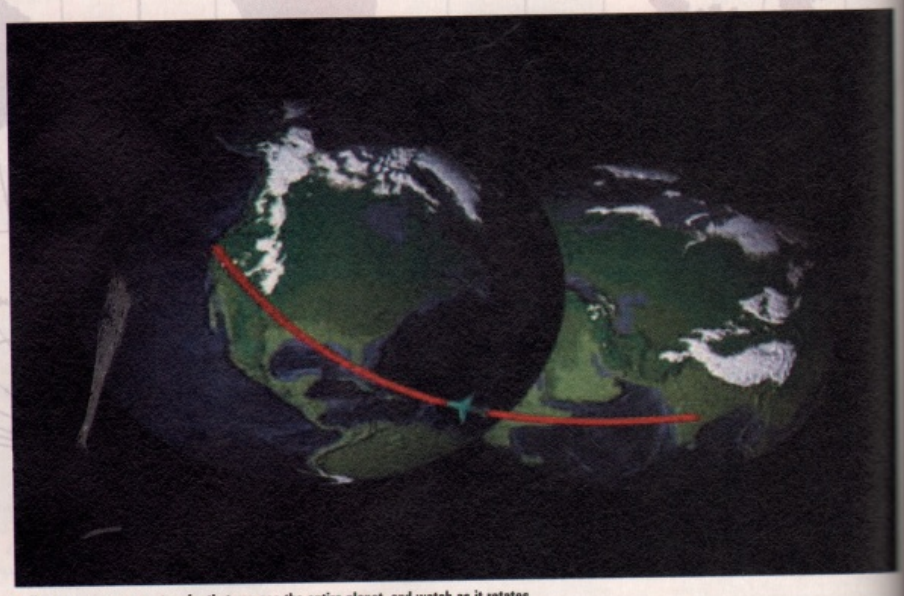
■ Price: £119.95 ■ Developer: Questar Productions ■ Supplier: Blittersoft ✆ 01908 261 466

Create some brave new worlds with your Amiga and this amazingly powerful software. Will the earth move for you?

Computer generated landscapes have many uses and practically any form of graphics work can benefit from a realistic background. Sometimes it's not possible to use a static scanned image, for example when you are creating an animation and need a continually scrolling backdrop.

You might want a particular location rendered at a particular time of day, at a particular time of year. You might even want to animate the landscape itself changing, and that's not something you would want to do by hand.

Whilst it is theoretically possible to create a complicated landscape model in a program like *Imagine* or *LightWave*, it would take a huge amount of effort and time. Also, animating a long fly-by sequence or positioning lots of the trees and rivers could take forever. I'm glad it's not something I have to do.



▲ You can even zoom out so far that you see the entire planet, and watch as it rotates.

To MUI or not to MUI?

The use of the third party Magic User Interface system is a contentious one, certainly in a commercial program. It is easy to see why the authors of *WCS* decided to use it: there are so many menus, requesters and gadgets that using a well-proven system like MUI must have saved a great deal of development time.

MUI is responsible for the smart looking Graphical User Interface, although it is noted for a lack of speed. Certainly on an unexpanded A1200 this might be a problem, but as WCS realistically needs an 030 and lots of memory, you probably won't have anything to complain about. One distinct advantage is that *WCS* is totally graphics card friendly and on an 800 by 600 screen looks superb.

Vista was one of the first automatic landscape generators. Feed in the data, then sit back and watch as the results appear on screen. *Vista* also used 'real world' data, so you could feed in real geographical locations and an accurate picture would pop up on screen.

The World Construction Set (WCS) is the latest program to promise realistic output, and you know it must mean business because the manual at over six hundred pages would stun a New Zealand rugby player. It builds on *Vista* in many ways, but provides considerably more control. In fact the authors would prefer it if you called it a '3D geographic information system capable of generating maps and renderings of virtually any kind of geo-referenced spatial data'. And yes, it does make some very pretty pictures.

▲ WCS is equally as good at creating flat maps as 3D renders.

In the beginning ...

Creating your own world is straightforward enough: load in a project file, or create one from scratch. The project file contains all the information needed to create an image, and includes everything from the geographic data to the position of the imaginary camera with which you'll be taking your photographs.

As you would expect, there are plenty of controls for creating animations and fly-by views but before you even get to the camera moving capabilities, you can change the world. By using altering image maps on the landscape you can give the impression of moving traffic or rippling lakes. Add some backdrop images and clouds will move in the sky, whilst the sun drifts across the scene and the shadows (or even seasons) change before your eyes.

It will be a while before you reach this stage of complexity, as you'll still be working through the tutorial sections in the manual. The tutorials are essential, as is reading the entire manual at some point, because of the many, many different settings which can be tweaked to make your final image perfect.

Everything from the type of trees at particular altitudes to the 'fractal-ness' of the landscape needs to be fine-tuned. You can decide on the level of haze (and how far away it starts to be noticeable), the appearance of any fog ... in short you can play God with almost everything in the scene. Before you hit the render button, you could be tinkering with a scene for hours. Rendering speeds will depend on your own hardware, but on a 68040 based Amiga, high resolution images take a few moments, or more the higher the image detail required.

Dem old DEM files

The WCS uses the now-standard DEM (Digital Elevation Model) files to provide an accurate description of the area it is rendering. What makes WCS special is that it models the earth as a spherical object, not a flat blank sheet which mountains are suddenly plopped onto. You can actually zoom back further and further until the curvature of the earth is visible, and then watch as mountains peek out over the edge before vanishing as the Earth rotates.

You can also set the sun moving overhead to alter the lighting: enter today's date and time and watch as the view outside your window is re-created for you on-screen.

Well, strictly speaking that's not possible unless you regularly use your Amiga in the Grand Canyon or one of the other locations described in DEM format. The Data supplied is a little limiting for local UK use, and you will need to do a little investigation in order to track down the necessary DEM files. This is understandable, as even the tiny portion of America which is supplied takes up most of the five disk distribution. The makers of WCS are willing to help you find files, although internet access would make things a lot easier using a World Wide Web browser, try looking at http://sun1.cr.usgs.gov/landdaac/30asdcwdem.html for starters.)

A 'readme' file on the disks indicates that on sending back your registration card you'll receive the DEM data required for rendering the full globe image at reasonable detail: a good incentive to respond.

On top of the DEM files, WCS can apply yet more data in the form of EcoSystems and Vectors. These define the colour of any vegetation and plant life, and the position of any rivers or lakes. It's even possible to mark political or other boundaries, and so *WCS* could be used to produce stunning 2D maps, automatically marked with important locations.

When extra detail is required, the comprehensive DEM editing system allows adjacent files to be loaded, merged or interpolated (smoothed) which makes it a kind of word processor for geographers. If you can track down a DEM form in one shape or another, there is a very good chance that the *WCS* can use it.

Conclusion

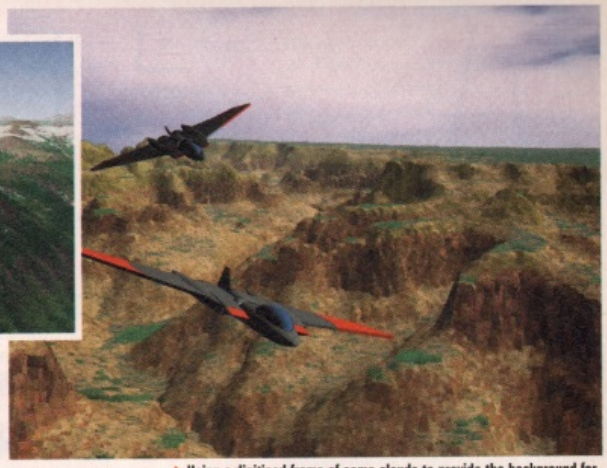
Comparing *WCS* to the obvious rival *Vista* is difficult because although both programs achieve the same goal, both approach it in very different ways.

Whereas *Vista* tries to make it as simple as possible to create an image with minimum fuss, *WCS* requires a great deal of fine tuning. Practically everything is user-definable to an incredible degree, with hundreds of buttons to press and values to select. This is a double edged sword: when starting out, there is almost too much detail to have to cope with. However, when you do finally start to catch a grip you know that it will be a long time before you exhaust the possibilities.

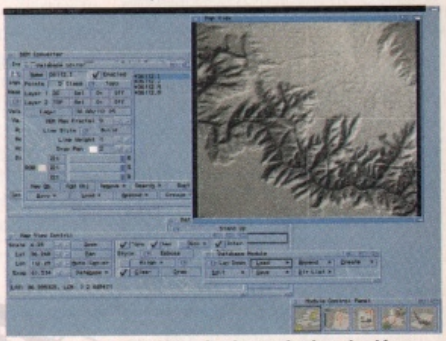
Yet, there are strange omissions. There are no buildings, or cloud generation facilities. *WCS* seems to think itself above such trivial details, and instead provides backdrop options and Z-Buffer output routines so that you can drop the necessary detail into the landscape in a post-rendering way. *LightWave* users will love *WCS*, because of the ability to import motion paths and play with the Z-Buffers.

There is no more detailed landscape generation program available, that's for sure. If you have the need for realistic images, and you have the beefy hardware to hand you have no choice: but don't expect to have as much immediate fun as you would with *Vista*. The two programs are worlds apart. ■

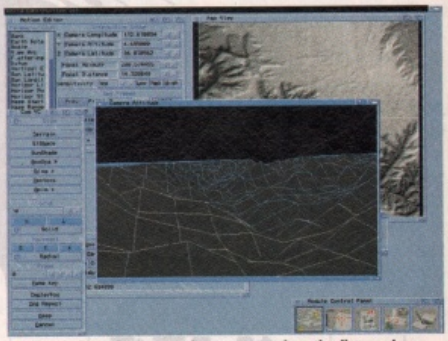
John Kennedy



▲ Using a digitised frame of some clouds to provide the background for the WCS image, Imagine is used to provide some foreground interest. Now imagine this animated, with the clouds and landscape vanishing into the distance as the planes bank and turn.



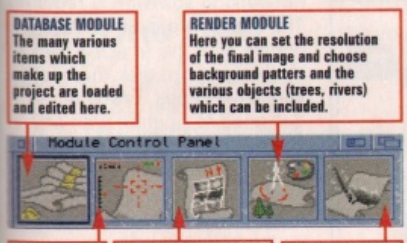
▲ It looks like a digitised image but the map view is rendered from your DEM data as you watch.



▲ The wireframe image even demonstrates where the distance haze starts by rendering in blue.

The Control Panel

This is most important window on the display as it is full of vital items.



WORLD CONSTRUCTION SET

A500
A500+
A600
A1200
A1500
A2000
A3000
A4000

system requirements:
Wb 2.04 or better 4Mb of RAM hard drive, 8Mb Ram and 68020 or better recommended

ease of use 75%
There are so many options, it's overwhelming to start with.

performance 94%
... and yet when you get to grips you know there is nothing you can't do with it.

value for money 90%
Compared to the price of other graphics tools, this is down right cheap.

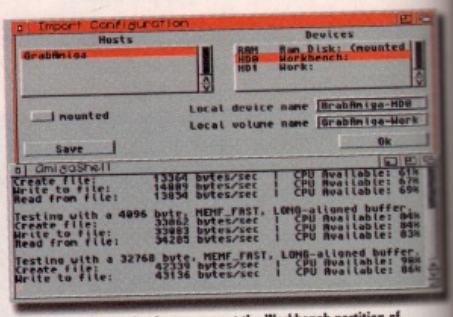
OVERALL
The most powerful landscape rendering system money can buy.

90%

AmiLink

Price: US $299 ■ Developer: AmiTrix ■ Supplier: AmiTrix ✆ 403 929 6459

This innovative all Amiga multi machine networking package gets the CU Amiga benchmark grill.



▲ Here, one Amiga is about to mount the Workbench partition of another Amiga, care of the AmigaLink 2.0 software. DiskSpeed shows 48 odd K per second with nearly 90% CPU free. Impressive to say the least.

What is networking? Quite simply, it's the act of connecting any two or more machines together so that they may share data. Why should you want to do that? There's quite a few reasons. Usually because one Amiga has drives connected to it that you want to use on other networked Amigas. You might like to share files or even talk to someone on another machine. AmiLink is the first system that works on all Amigas (except the CD32) and can connect more than two machines.

Get together

AmiLink works by using Ethernet style cables and connection methods. A shielded coaxial cable (as found connecting aerials to TVs) is run from each machine in turn along a chain. Depending on where the Amiga is, a T-type pass-through connector is attached to the hardware or a terminating connector, which is used for the machines at either end of the chain.

Isn't Ethernet

There's no connection port common on all Amigas that's capable of moving data at Ethernet-like speeds. The Canadian Amitrix Developments have instead opted for the innovative approach of using the disk drive port. The hardware can even be connected to the pass through port on external disk drives if needs be. The entire hardware is housed in the small DB plastic 'shroud' with only a BNC type connector (the kind found on more expensive VCRs for composite video) protruding from the rear.

Bizarre method?

It may seem a bizarre approach to use the disk drive port rather than the more logical parallel/printer port. There's a number of advantages, though. The first is obvious in that a printer can also be attached to the networked machine since the parallel port isn't used. The second is that the hardware that drives the disk drive port is the custom chip known as 'Paula'. Paula is capable of moving data at 450,000 bits per second. Considerably faster than ParNET even though it's serial rather than parallel. Lastly, the most impressive aspect for us, was the low CPU consumption, even during heavy use. This is made possible because Paula's disk drive controlling circuitry is DMA capable. She can write direct to the Amiga's RAM without the aid of the CPU at all. This is a serious advantage over ParNET which can cripple both machines during a transfer by hogging all the CPU time.

Kickstart 1.2 compatible

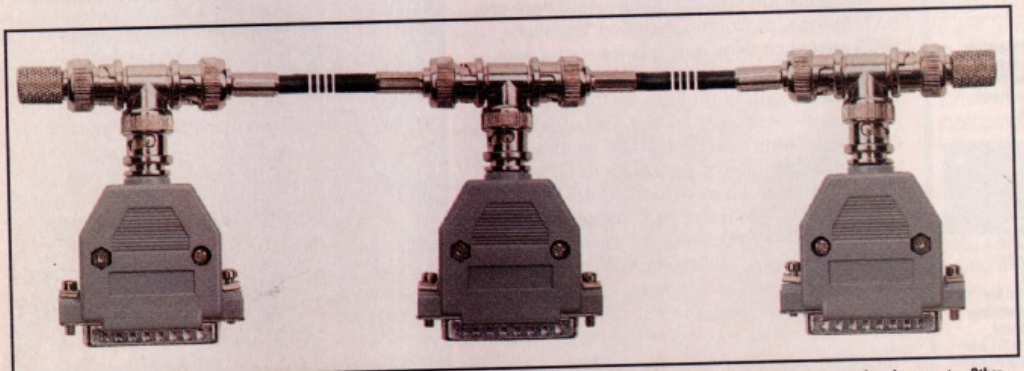
An AmiLink package bought in basic two machine guise comes provided with networking software called AmigaLink 2.0. Fortunately it will run on all machines from Kickstart 1.3 and up. This is essential if older machines such as CDTVs are to be connected. Unfortunately, the Commodore Installer script provided is a tad shaky and doesn't have enough on-line help in 'expert user' mode. I raised this point with AmiTrix development and they promised to work on it.

If you're used to ParNET and the like, getting AmigaLink up and running is a piece of cake. It's also far more intuitive with simple GUIs letting the user select drives to import (access from another machine) or export (allow other machines to access). The supplied manual details the installation procedures needed for OS 1.3 since the newer methods that the GUI systems require won't work on Amigas running this. You need a 1Mb Amiga to export devices, though 512K machines will be able to import devices.

Excellent envoy

AmigaLink might be good but it's not the best. With no user accounting or file security, if you don't trust everyone on your network and not all the machines connected are yours, then better networking software is required. The alternative is Envoy and also comes with the AmiLink package so that you can pick the best for your own needs. Envoy is designed to operate with any software drivers that support the Commodore SANA II standard. A SANA II driver for the AmiLink system is also provided which works perfectly with Envoy.

Envoy does everything any network software should do. It allows you to add users to your machine, assign passwords and give them certain kinds of access to your devices. One person



▲ Shown here is the compact AmiLink hardware. The modules at either end are equipped with terminators. The one in the middle has a pass though connector. Other Amigas added in the chain would also use this pass-through type connector. An efficient and easy networking method.

Amilink Shopping List

- **Basic Starter Kit comes with two network modules, AmigaLink software, Envoy software (two-unit license), connectors, terminators, 5m (16.5ft) long cable and manual: US $299.**
- **Single Expansion Kit comes with one network module, connector and 5m (16.5ft) long cable: US$135.**
- **Shipping Costs (First Class Mail): US $12.00.**

Custom cable lengths available on request, and also splitter cables for external floppies with no pass-thru port. Payment can be made by Bank Draft, Money Order or Postal Money Order.

- **For further information you can contact AmiTrix at AmiTrix Development 5312 -47 Street, Beaumont, AB, T4X 1H9 Canada. Tel:/Fax: 403 929 8459 or E-Mail sales@amitrix.com.**

could have read only access to your hard drive while another could have complete freedom to modify your user settings remotely. This could even be yourself logging in from another machine. AmiTrix told me that I could expect a performance boost with the Envoy software. Unfortunately, this turned out not to be the case. Tested with two completely different systems, first with an A3000 and an A1200 and then an A4000/40 to another A1200, Envoy proved to be markedly slower across the board when benchmarked with the DiskSpeed utility on a remote RAM drive. A tragic shame in light of how much better Envoy is for all other aspects of running a network.

Shaky link-up

For most people's needs, AmigaLink will be all that is needed. However it's less than robust when any machine resets or crashes.

If you are looking at AmiLink for connecting a lot of machines with different users, Envoy is highly recommended. The extra features and robust nature would outweigh the performance loss incurred. Overall, AmiLink performed at slightly better than ParNET type speeds with the AmigaLink software and slightly worse than ParNET using Envoy. Access to your computer by another wasn't noticeable with either.

Another problem cropped up attaching the AmiLink hardware to the rear of a Power Computing high density 'XL' floppy drive. It seems that the buffering electronics inside this drive caused a marked performance drop from the machine with the drive connected.

Conclusion

AmiLink is a wonderful networking system that functions on all Amigas. However, it's too expensive for average users just wanting to connect a machine with a CD-ROM or the like. These people are far better off with PD ParNET like systems and a £10 ParNET cable. The CPU disadvantages are not so much of a problem under those circumstances. User groups and schools would find AmiLink invaluable coupled with Envoy. It then becomes a relatively cheap method of networking many low end Amigas together than was previously impossible. If the price was lower, AmiLink would be one hell of a great system. We might have even kept it ourselves. ■

Mat Bettinson

AMILINK

A500 / A500+ / A600 / A1200 / A1500 / A2000 / A3000 / A4000

system requirements: Any Amiga. 1Mb needed to export devices.

ease of use.....87% Installation is easier than ParNET but still needs work.

performance.....75% Not exactly fast but no other network can connect multiple machines.

value for money.....68% Just too much to pay for the average Amiga bobbyist. Reasonable for organisations though.

OVERALL An innovative quality product marred by the high cost. **76%**

TechnoPlus vs Wizard 560

■ **Price: £14.99** ■ **Supplier: Leisuresoft**
✆ **01604 768711**

■ **Price: £12.99 (white) £14.99 (black)**
■ **Supplier: Wizard Developments** ✆ **01322 272908**

Two new mice are compared head to head this month.

I think it's fairly safe to say that most Amiga users have retired their original Amiga mouse by now. Two new mice have turned up to clean their whiskers in time for Christmas. How do they shape up?

Bulbous rear

The TechnoPlus is a stylish ergonomic affair, gently moulded with a bulbous rear. It fits well into the hand though I felt it was too small for my largish paws Tony Horgan thought it was about right. Conversely the Wizard mouse is a simple arch with the highest point being in the middle. It's much wider and apart from the severe arch upwards, it has a square base and sides. The width was fine for me but unsurprisingly Tony Horgan thought it was too wide.

Appearances

The mice differ radically in more than looks. The TechnoPlus is a standard two button mouse with quiet low-action buttons. The Wizard is a three button unit with a louder and more definite action. Resolution-wise they are at opposite ends of the scale too. The Wizard is the highest resolution mouse I have seen at an impressive 560 DPI (dots per inch). The resolution of the TechnoPlus isn't specified but seems on a par with the original Amiga mouse (a measly 260 DPI or so). Generally a high resolution mouse is preferable, especially for graphics work, as it gives more precise movement of the pointer, but this in turn requires precise movements from the user. A low resolution mouse would only be suitable for those completely new to mouse control, or in certain cases of impaired hand movement. A low resolution mouse would need to be dragged further across the desk than a high res mouse to achieve the same effect.

And the winner

The Wizard mouse is superior and now that I'm used to using the utility MultiCX to flip screens with a click of the middle button, I treat three buttons as a near essential feature. The resolution of the Wizard is also amazing. I like the option of an alternative black colour-scheme for the Wizard mouse. Basically the Wizard mouse is for the expert, the TechnoPlus mouse for the beginner. ■

Mat Bettinson

Techno Plus 78%

Wizard 560 90%

V12-PD

Dept CU1
PO Box 14
Louth
Lincolnshire LN11 8LF
United Kingdom
01507 450114

10 PD DISKS FOR A FIVER FROM OVER 10,000 DISKS, BLANK DISKS 2.50 FOR 10, FROM 17P IN BULK. WE ARE THE CHEAPEST PD LIBRARY IN THIS MAGAZINE!!

OUR CATDISKS CAN BE DOWNLOADED FROM THE UK'S COOLEST BBS, MIDNIGHT EXPRESS, ON 01384 865 626!

V12-PD NOT ONLY SELL PD, BUT ALSO OFFER SOUND SAMPLING, DIGITIZING, MEMBERSHIP, COMMERCIAL GAMES TRADE IN AND SALES, BLANK DISKS, PD SWAPS, AND EVEN, BY THE TIME YOU READ THIS, COLOUR SCANNING UP TO 24 BIT IN ANY RESOLUTION! WE ARE THE NUMBER ONE PD LIBRARY, CHECK THIS LIST OF SERVICES AGAINST ANY OTHER LIBRARY, WE WIPE THE FLOOR WITH 'EM!

Merry Chrimble to all Amiga Users!!!!!!

A warm welcome to all Amiga Guys and Gals out there from V12! Merry Christmas one and all, and in this we include Escom, all Amiga magazine staff, everyone in the industry (even including all rival PD houses!) and all friends far and wide, have some turkey for us!

Yes, it's that time of the year again when ol' Santa scuffles down the chimney and leaves ya some goodies, it's cold outside, so what better activity than to lie in bed all day and ... no, that's not right, I'm supposed to be convincing you to buy our software, erm, so what better way to spend the day than watch TV in front of the fire and ... no, Damn, I've done it again!

OK, let's start again. Christmas is coming and the goose is getting fat, please put a penny in the old man's hat ... oh no, now I've started singing Christmas rhymes, better get on with the business. It's cold. Very cold. And you, therefore, stay indoors. So, to stop you getting bored, why not try some PD from us? Oh go on, you know you want to!

You will have noticed by now that this is not like all the other boring PD adverts around, that's because it's from a library who aren't like all the other companies, we're bright, we're cheerful, and we're gosh darned funny! Take it from me, we should be on TV (any offers ...) If there's one thing that all of us at V12 used to hate as PD customers, it's a page of titles and numbers which mean about as much to you as the endless pairs of socks you'll undoubtedly get this Yuletide. So, we decided to not follow the trend and stick with livening up the magazine a bit with our handsome good looks, charm, charisma, and general showbiz glamour! We like to think that you'd prefer a friendly company with honest to goodness quality and outrageously low prices to some stuffed shirt company who're not at all interested in the Amiga and just see every customer as a pound sign with two legs.

And what of these mystical prices, I hear you cry? Ah, but you must first strap on your wig for fear of it flying 30 feet in the air when I tell you (is everybody wearing their head strapping? OK, here goes!)

1 - 5 DISKS 65p!
6 - 9 DISKS 60p!
10 + DISKS 50p!
P & P is 50p on any size order!
We will fill your blanks for only 20p a disk and postage with PD!!!!

Wow! Oh yes, wow! Nobody beats us on price, and we mean nobody! just take a look at what you'd pay for 20 disks from a few libraries currently advertising in the Amiga Press:

17 - BIT SOFTWARE: £19.00
ACTIVE SOFTWARE: £18.00
SOFTWARE 2000: £18.00
V12 - PD: £10.50!!!!!!

These prices include P & P and were taken from the latest magazines we had at the advert release deadline. There's just a little bit of difference, isn't there? On average, you can get twice as many disks from V12-PD as any of the major libraries operating, so why go anywhere else? Oh yes, it's all the services they offer, like scanning, digitizing, sampling, commercial games trade ins, CD-ROMS, image manipulation, membership, instant catdisk update schemes, free advice ... Oh, it can't be, 'cos only we have all these services, most can only offer a fraction of this list, and none offer all of them, except good old V12!

Why, it must be the titles then, surely a company that's so new has a tiny catalogue compared to the 5-9 year old libraries? Yes, that must be it. Wrong, missus! We have more titles than any of the above companies, or any other large PD company! We promised our regular customers (many thousands now!) that we'd get 10,000 titles for Christmas, and we have done it! Yes, that's 10,000 disks of PD all available at 50p! Our target for summer of 1996 is 15,000, just bear this in mind and see if we let you down, I guarantee you, we won't. But what are these titles? Ah, better flipper yourself along to the next paragraph, methinks!

We are aiming to collect all the quality PD releases still available, and we've gone quite some way to achieving it already. With new titles in past months going into 4 figures at times, and never under 400 since we started (the highest was 3052!). It's plain to see where the best bet for the PD you require is, yes, us! We have all of the major collections, Scope 1-220, Assassin's 1-250, Fred Fish 1-1000, LSD 1-149 etc, but we also have much, much more. Well over 500 of our titles are not available from any other library, we make PD in house exclusive to our customers (as it's going out of fashion (like it ever would!). Our catalogue disk, if printed, would be over 500 pages long, that's a mere 35,000 lines of wit, humour, bravado, silly hats and bendy rubber ornaments flinging fun! It is two disks of entertainment, and in our flared cords and pink kipper tie fashion, it looks, sounds, animates and thrills you all the way!

Have you ever got a catdisk from a library only to find out they had a separate disk for the Fred Fish or Assassins Collections etc? Well, you won't have that problem with us, every title we stock is there, described and tested on all Amigas relevant to you. Ever seen a Catdisk with an animated advert and spot animations (do you know how long it takes you to do this?), if you get our Catdisk you will see it for the first time! Samples and music, automatic workbench version detection and modifying the layout to get the most from any Amiga, the option of RAM installing on Workbench 2+ machines for ultra fast access time to all our info (clocked at almost 200k a second including on the fly decrunching!), total compatibility with everything from a Workbench 1.2 A1000 to a Workbench 3.1 A4000/060! Our Catdisk also modifies itself automatically on booting to NTSC if it detects it, so any American or Canadian customers needn't worry either!

So now you know we're God like beings that travelled here with the sole purpose of making the Amiga rule the universe, why don't you give us a try? We can offer you CD's at our customers ridiculously low prices, scanning in any resolution you like including image blow ups by over 30 times(!) and 10,000 bonifide PD titles for no more than you'd spend on a can of coke at a particularly expensive theme park! How do you get our super duper, no holds barred, numero uno Catdisk? It's easy! Simply send 3 first class stamps or 75p to the address above, and two disks of heaven will wing their way back to you pronto!

Special Christmas offerings include 10% off all our scanning, sampling and digitizing prices and one free disk for every 10 purchased! This is a double celebration, for on New Year's Day, V12 will officially be 1 year old, no baby pics, mind! Our company is so new we haven't stagnated and slowed down to a snail's pace, and with a bit of luck (and a lot of Christmas cider) we never will!

Some great news for all Amiga Users thinking of getting onto the Internet, Megatronix Software have a limited supply of Amiga modem packages which includes the modem, all cables and leads, software, and a free subscription to Midnight Express for a month's trial, and what huge price do they want for all this, only £49.99!!!! Yes, a modem and all software, and a month's BBS subs for under 50 quid! Contact Megatronix on 01384 77172 or write to them at 21 Tiled House Lane, Brierley Hill, West Midlands, DY5 4LG for further details. Do it quick though, or you might miss out on the bargain of the year!

A big seasonal greeting goes out to Rob Davaui, Stefan Mansier, Paul Newsome, No Mercy Software, Michael Carter, Tony Hickman at Amiga Format (Hi again!), Sean Kennedy, Dean Kelly of Megatronix Software, Kim Basinger (well, we can hope!), Bon Jovi (cool music!), Coca Cola (it is the best!), and superstar Amiga Guy, Freak of NFA. We'd like to say that Freak is the coolest, tallest, most macho and all round nice guy in NFA, whatever anyone says in The Word!

And remember, a wise man once said: Never put yellow snow in your mouth!

We stock all the collections including Assassin's 1-250, Fred Fish 1-1000, Scope 1-220, Amiga, Arug, New Zealand, Imagine Objects Collection, Clipart Collection, Barbie, Amos, Legal Tools 1-149 and thousands more.

10,000+ titles, that's more than a library with less than that!

REPAIRS WHILE-U-WAIT!!

COMPUTERS AND MONITORS

That's a promise for computers!!

Attention Dealers

Ring/Fax Now for best trade prices and terms on Repairs, Spares, Floppy Drives, Hard Drives, CD Rom Drives and Memory Upgrades.

- FAST TURNAROUND
- 90 DAYS WARRANTY ON ALL REPAIRS!!
- £10 EXTRA CHARGE FOR WHILE-U-WAIT SERVICE
- COURIER CHARGES £6·00 + VAT EACH WAY
- A1500/A2000/A3000/A4000.....£QUOTATION

NEW LOW FIXED PRICE

A500, A500+ & A600
£39·95

A1200
£49·95

2·5" HARD DRIVES

PRICE MATCH!!

For A600 & A1200

60Mb ...£59·95 170Mb ...£99·95 340Mb ... £169·95
80Mb ...£69·95 258Mb...£129·95 510Mb ... £249·95

All hard drives are pre-formatted, partitioned with Workbench loaded and include 2·5" IDE cable and software
2·5" IDE Cable and Software.....£9·95

APOLLO A-1200 Accelerators

Please ring

3.5" Hard Drives

Call for best prices

FOR BEST AFTER-SALES SERVICE

MEMORY UPGRADES

A500	Upgrade to 1 Meg £13·95	A500+	Upgrade to 2 Meg £19·95
A600	Upgrade to 2 Meg £19·95		Upgrade to 2 Meg with clock £39·95

A1200	0Mb	2Mb	4Mb	8Mb
	£49·00	£104·95	£154·95	£279·00

33MHz FPU plus Crystal ..... £36·95

GUARANTEED SAME DAY DESPATCH (Subject to availability)

INTERNAL FLOPPY DRIVES

A500/A500+ ..... £29·95 A600/A1200 ...£34·95

CHIPS ✤ SPARES ✤ ACCESSORIES

1 Meg Fatter Agnus	£19·00	8520 CIA A600/A1200	£14·50
2 Meg Fatter Agnus	£24·00	8374 Alice A1200	£30·00
8362 Denise	£9·00	8364 Paula A600/A1200	£16·50
8373 Super Denise	£18·00	Video DAC A1200	£19·00
5719 Gary	£7·50	A600/A1200 Keyboard	£60·00
8520 CIA A500/A500+	£15·00	Lisa A1200	£35·00
8364 Paula A500/A500+	£12·00	Gayle A600/A1200	£25·00
Kickstart ROM 1·3	£15·00	Budgie A1200	£30·00
Kickstart ROM 2·04	£22·00	Mouse (290dpi)	£15·00
Kickstart ROM 2·05	£29·00	SCART lead	£15·00
A500/A500+ Keyboard	£50·00	Mouse Mat	£4·00
6570 Keyboard Chip	£20·00	10 Boxed Branded Disks	£6·00
68000 Processor	£8·00	Printer Cable	£6·00
Power Supply A500/A600/A1200	£30·00	100 Disk Box	£7·00
A2000 Power Supply	£60·00	Squirrel SCSI Interface	£59·00

* All chips are available ex-stock
* Please call for any chip or spare not listed here

AMITAR CD ROM DRIVE QUAD SPEED

Including Squirrel SCSI Interface **£249·95**

Genlocks

Ring for prices

Now Available

A1200 without hard drive.....£299·95
A1200 with 170Mb hard drive .....£369·95
A1200 with 340Mb .....£449·95
A1200 with 510Mb .....£549·95

* Call for more good deals

ANALOGIC ANALOGIC ANALOGIC

Analogic Computers (UK) Ltd
Unit 6, Ashway Centre, Elm Crescent, Kingston-upon-Thames, Surrey KT2 6HH

Open Mon-Fri 8·00am-5·30pm, Sat 9·00am-5·00pm Fax: 0181 541 4671
** NEW OPENING TIMES ** STARTING NEW YEAR 1996 ** NEW OPENING TIMES **

Tel: 0181 546 9575

★ All prices include VAT ★ All prices subject to change without notice ★ Fixed charge for repair does not include disk drive/keyboard ★ We reserve the right to refuse any repair ★ P&P charges £3·50 by Royal Mail or £6·00 + VAT for courier ★ Please allow 5 working days for cheque clearance

VISA

* max 400dpi scanning resolution

Scanner Pad £9.95
Free With Any Scanner

CHRISTMAS OFFERS

256 GreyScale Scanners/AlfaScan 800

The ONLY 800dpi Hand Scanner for the Amiga!
Scanner with AlfaScan Software **£89.00**
with Touch-Up & Merge-It Software*
Separately £35.00 with scanner **Add £20.00**
with Junior OCR* (needs HD & 2.5MB Memory)
Separately £25.00 with scanner **Add £10.00**
with Full OCR* (needs HD & 2.5MB Memory)
Separately £35.00 with scanner **Add £20.00**
with MulitPass OCR* (needs HD & 4MB Memory)
Separately £49.95 with scanner **Add £30.00**

Multiface III card	**£79.00**
AT-Bus-2008 IDE controller	**£69.00**
Octogon-2008 SCSI controller	**£99.00**
Tandem CD & IDE controller	**£69.00**
AlfaPower A500 IDE controller	**£99.00**

AMIGA CHOPPER 95%

Auto Mouse/ Joystick Switch £12.95

Hard Drives + controller for A500(+)/A1500/A2000/A3000/A4000

80MB	**£149.00**
120MB	**£159.00**
250MB	**£179.00**
420MB	**£199.00**
540MB	**£249.00**
850MB	**£269.00**
1.2GIG	**£299.00**

AMIGA FORMAT 85%

IDE Quad Speed CD-ROM Drives

for A500/500+ (requires AlfaPower v6.8 + Hard Drive) **£249.00**
for A600/A1200 (inc CD32 emulation) **£249.00**
for A1500/A2000/A3000/A4000 (inc Tandem) **£199.00**

Special this month: with every hard drive purchased you can have a Mega Mouse for £5

Crystal TrackBall £34.95

Hard Drives for A600/A1200

2.5"	60MB	**£59.00**	3.5"	420MB	**£149.00**
2.5"	80MB	**£69.00**	3.5"	540MB	**£159.00**
2.5"	120MB	**£89.00**	3.5"	850MB	**£199.00**
2.5"	170MB	**£129.00**	3.5"	1.2GIG	**£229.00**
2.5"	250MB	**£169.00**	(includes instructions)		
2.5"	340MB	**£189.00**	(and installation software)		

Optical Mouse £29.95

Ram Cards/Memory

A500	512K w/o clock	**£20.00**	2MB		**£69.00**
A500+	1MB w/o clock	**£29.95**	4MB		**£129.00**
A600	1MB w/o clock	**£29.95**	8MB		**£269.00**
A1200	2MB with clock	**£119.95**	**ZIP RAMS**		
A1200	4MB with clock	**£179.95**	**£89.95/2MB**		
A1200	8MB with clock	**£299.95**			

72pin SIMMS

Optical Mouse Mat £5.00

Amiga PSU for A500, A600 & A1200 £34.95

Apollo 1220 28MHz Accelerator

Give your A1200 350% Performance
Includes Clock & 28MHz FPU
1220 Bare Board **£99.95**
1220 with 4MB Memory **£224.95**

80 watt Speakers	**£39.95**
25 watt Speakers	**£29.95**
240 watt Speakers	**£59.95**

External Floppy Drive £39.95
with Through Port

Mega Mouse 400	**£9.95**
Mega Mouse Plus	**£12.95**

(Three button version with 8' cable
Performance **97%** A.U.I)

All prices include VAT. Please add £3.50 P&P for items under £30.00, £5.00 for items over £30.00, £8.00 P&P for Scanners & Speakers, £10.00 P&P for next day.
GoldenImage accepts Access, Visa, Cheques & Postal Orders. E&OE. Prices subject to change without notice.
Goods subject to availability. Specifications subject to change without notice.

GoldenImage (UK) Ltd
Unit 65, Hallmark Trading Estate, Fourth Way, Wembley, Middx HA9 0LB

Sales Hotline No: 0181 900 9291 Fax: 0181 900 9281

FAST AMIGA REPAIRS

FAULTY TROUBLESOME COMPUTER ??

CALL FOR COLLECTION OR PERSONALLY DELIVER TO THE EXPERTS FOR FAST RELIABLE REPAIR OF YOUR AMIGA

FOR ONLY

£24.99 + parts

* NO OBLIGATION FREE QUOTE *

WE REPAIR TO COMPONENT LEVEL
A500, A600, 1200, 1500, 2000, 3000, 4000 & CD32

★ FREE GIFT WITH EVERY ★ REPAIR. PLEASE SPECIFY

- MOUSE MAT ☐
- MOUSE HOLDER ☐
- DISK CLEANING KIT ☐
- ADD £5 REPLACE MOUSE ☐
- ADD £5 JOYSTICK SEGA STYLE ☐

BARGAIN HARD DRIVES
FITTED 85-500mb.....Call

EXCHANGE SERVICE

MODULATORS	£19.50
PSU	£19.50
DISK DRIVES	£25.50
KEY BOARDS	£25.50

★ 95% SUCCESS RATE ON ALL COMPUTERS
★ DOOR TO DOOR COLLECTION OF YOUR COMPUTER ANYWHERE IN THE UK.
142 TANNER STREET TOWER BRIDGE, LONDON SE1 2HG

Call FAST on TEL 0171 252 3553

E-MAIL PETER@FASTCOMP,DEMON.CO.UK

Sensational Software

24 Campbell Drive
Herringthorpe
Rotherham
South Yorkshire
S65 2NJ
Tel.0421 002731 Mobile

20 DISK PACKS ONLY £10 EACH

PRICE INCLUDES POSTAGE & PACKAGING

Octamed Music Modules 1	Assassins 210 - 230
Octamed Music Modules 2	Assassins 230 - 250
Octamed Samples 1	Spectrum Emulators & Games
Octamed Samples 2	Sensational Demos 1
Various Utilities	Sensational Demos 2
Modem Utilities	
Business Software	**A1200 ONLY:**
Imagine Objects 1	Various A1200 Utilities
Imagine Objects 2	Sensational A1200 Demos
Pagestream Fonts	Sensational A1200 Graphics 1
Pagestream Clipart	Sensational A1200 Graphics 2
Sensational Games 1	Sensational A1200 Babes 1
Sensational Games 2	Sensational A1200 Babes 2

WORKS OUT 50p A DISK

All the above 20 Disk Packs contain the very best PD software - no rubbish! So why buy blank disks when you can get excellent PD that works out at only 50p a disk!
Make Cheques & Postal Orders payable to Sensational Software

ALL PD REVIEWED IN THIS ISSUE IS AVAILABLE AT 75P PER DISK (P&P 75

Apollo 620

■ Price: £139.99 (0Mb) £259.99 (4Mb) ■ Developer: Apollo ■ Supplier: Visage ✆ 0115 964 2828

AMIGA SUPERSTAR

The world's first A600 accelerator arrives to push the little Amiga to a 700% speed increase.

While the A600 has good expansion capabilities, it's always been a 7MHz 68000 based machine – the same speed as the first Amigas made over 10 years ago. It was a prime case for some form of accelerator but the problem was that there is no provision for getting access to the CPU lines in the A600. Even the CPU itself is surface mounted (soldered directly) onto the motherboard which means it can't be removed to insert an accelerator as in the A500. Apollo, however, with the 620 have solved the problem in a highly innovative fashion.

The Apollo 620 accelerator possesses an upside down PLCC type socket, like those that hold the FPUs in place on many accelerator cards. The socket is mounted on the underside of the A620 and is lowered over the 68000 chip on the A600 motherboard. The 620 then overrides the 68000 and replaces it with its own 25MHz 68020 CPU and 68882 FPU. Sounds good so far.

Sticky solution

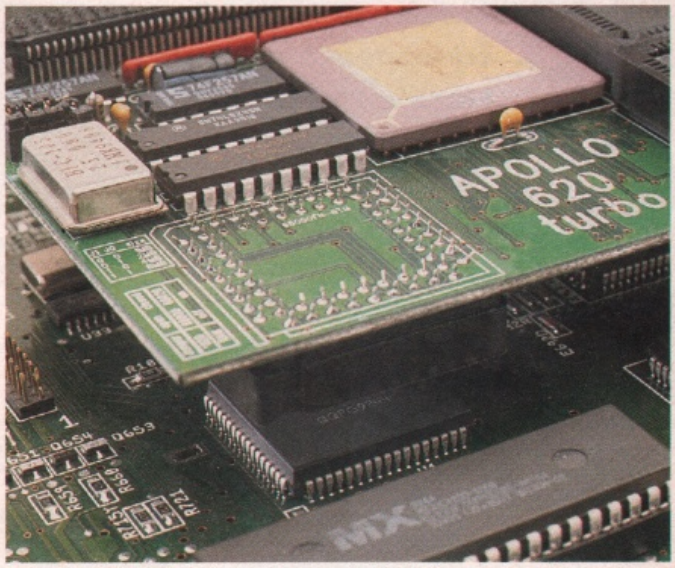
The problem, however, with this solution is that the socket can't clip onto the chip. To maintain a connection, a constant downward force in the region of the piggyback socket is required. To get around this, Apollo Systems have put a sticky pad inside the socket. A protective layer is removed, revealing the adhesive, and the unit pushed down on the 68000 for around a minute. Hopefully this should hold the accelerator down fast.

Unfortunately we were unable to test the glue method since this would be permanent. If the 620 is glued down and then forcibly removed, it is highly likely that it will pull the 68000 off the motherboard leading to an expensive repair. So we devised our own impromptu method of attaching the 620.

Firstly, three rubber feet are supplied at two corners of the unit to prop up the other end of the 620 from the piggyback socket. One of the feet had to be removed from each stack to get the right height.

Also the first memory Simm we tried was too deep. A motherboard component and the floppy power connector were in the way. A smaller Simm was found and fitted. Then a centimetre thick bag of silicon gel (often found in packaging) was placed over the top of the piggyback socket. This is where downward force is required to make a connection. The provided plastic shield was placed over the top and finally a wad of paper to get the necessary height. This height is needed so that the keyboard, when screwed back into place along with the top half of the case, will push down on the paper and other padding to attach the 620 piggyback socket firmly on to the 68000. A bodgy solution maybe, but it worked and that's what counts.

The 620 accepts Simm memory capacities from 1Mb to 8Mb. The 25MHz 68020 CPU and 68882 FPU combination are directly linked to the memory with a proper 32-bit local bus. The combination of these two factors means that the Apollo 620 accelerates an A600 to over 700% of its original speed! This would be an acceptable speed for an A1200 low-end accelerator, let alone an A600.



▲ Shown here is the Apollo 620. It's being lowered onto the 68000 surface mounted on the Amiga 600s motherboard. A glue pad keeps it in place (hopefully) or some other form of improvised downward force.

RAM power

As with all accelerators, adding RAM is essential to gain any real speed benefit at all. There are jumpers on the 620 to select 68000 or 68020 operation and the size of the Simm. Someone technically minded might like to wire these to a switch on the case to disable the unit for game compatibility. Believe me, It wouldn't be feasible to unscrew the case and disable the 620 if it was glued down in the correct manner. If the glue fails to function according to plan, the 'shove a wad of paper in the Amiga' method should work OK.

Unbelievable

With the 620 in place, the difference is amazing. Suddenly the machine is running at accelerated A1200 speeds. This month's game demo, *Zeewolf*, is a classic example of how CPU intensive games can benefit with it flying along much quicker than an A1200. However, most potential users of the 620 would be interested in how it performs with serious software. In a word, superb. If upgrading to an A1200 with extra memory is out of your price range and you feel able to attempt the tricky installation, I heartily recommend the 620. Otherwise you can call Visage for details on a fitted upgrade which is also available. ■

Mat Bettinson

APOLLO 620

A500 / A500+ / A600 / A1200 / A1500 / A2000 / A3000 / A4000

system requirements:
An Amiga 600 would be good

ease of use.....88%
Installation is a pig but after that it's plain sailing.

performance.....94%
This has to be the fastest A600 ever, whizzzzzzz.

value for money.....90%
The right price for the right speed. Excellent value for money.

OVERALL
The Amiga 600 gets a new lease of life.

91%

Personal Suite

■ Price: £49.95 ■ Developer: Cloanto ■ Supplier: Emerald ✆ 0181 715 8866

Commercial Amiga software is finally starting to appear on CD-ROM. Here's Personal Suite ...

Personal Suite introduces a new concept in Amiga software distribution. That's not spiel, it's fact. This is a compilation of commercial software contained on a single CD-ROM, with all documentation included as AmigaGuide documents rather than in printed manual form.

Top of the bill is Cloanto's excellent *Personal Paint 6.4*. Supporting roles are played by *Personal Write, SuperBase 4 Personal* and some 'Personal Fonts' (colour Kara fonts). Bonus files include a books section, which has a selection of classic fiction in the form of AmigaGuide documents. *Personal Fonts Maker 2.0* is here to let you design your own typefaces. Finally there are some PNG datatype utilities and DirDiff, a developer's disk tool.

Getting personal

We last looked at *Personal Paint* when it reached version 6.1, rating it at a respectable 84%. Since then its main rivals *DPaint* and *Brilliance* seem to have thrown in the towel in the Amiga paint package race, leaving *PPaint* to give us the new features we demand. The updates since 6.1 seem to be minor, but any increase in efficiency is welcome. *PPaint* is a fast paint program that works in all Amiga screen modes in up to 256 colours and supports retargetable graphics for use with 24-bit graphics cards.

▲ One of the highlights of Personal Suite is the inclusion of PPaint.

Rather than trying to match *DPaintV* feature-for-feature (which would be rather pointless), Cloanto have put their time into developing a set of new and unique features. These include a useful image processing section, which is not comprehensive by any means, but does sport some clever options for cluster-dot dithering and 3D stereogram creation. On the animation side, there's an excellent storyboard section and converting animations to new formats, resolutions and colour depths is handled with ease. However, there are only sparse functions for creating anims from scratch.

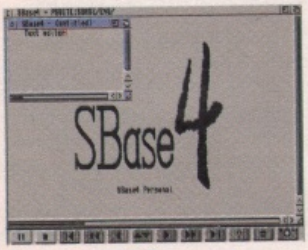
One of *PPaint*'s best attributes is its speed. This comes about partly from the speed of the program code, and partly thanks to the user-friendly features such as automatic JPEG loading, intelligent image conversion when necessary and the intuitive interface.

For *PPaint* alone, this CD offers good value for money. The addition of *SuperBase, Personal Write* and the supporting utilities and files bolster the value further still. The only problem with supplying software in this way (on a single CD in a neat circular metal box) is that there's no printed documentation. The AmigaGuides include all the information you need, along with illustrations in places, but I still prefer to have a ring-bound manual sitting on the desk when the going gets tough.

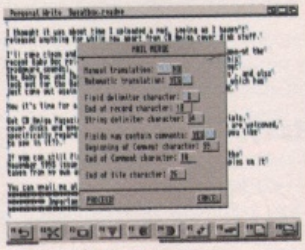
Conclusion

All in all this marks an important step in the progress of Amiga software. Commercial PC software has been widely available on CD for some time, and it's about time the Amiga market caught up. The extra capacity for support and demonstration files alone is reason enough for others to follow suit. ■

Tony Horgan



SuperBase 4 Personal
While it may not be the world's most powerful or flexible database, SuperBase 4 Personal is certainly functional. Capable of handling graphics as well as text information, SuperBase holds back on presentation frills but delivers the basic database essentials.



Personal Write
Personal Write is a word processor with some interesting features. While the most obvious omission is a spell checker, it does offer file encryption for saving out files you don't want others to read, along with stacks of configuration options.

Personal Fonts Maker
Should you feel the need to create your own fonts for use with Personal Paint and other Amiga applications, Personal Fonts Maker is also present on the CD. A set of simple drawing tools and a grid allow entire alphabets and symbol sets to be drawn from scratch.

Kara Fonts
A handful of 'Kara' fonts are on the CD. These are generally big, bold colour fonts that are best suited to multimedia and video presentations, where titles need to be bright and legible from a distance. They've all been created by a dedicated font-loving sole called Kara - hence 'Kara' fonts.

Example Graphics
There are example images and animations supplied by well known Amiga artists Jim Sachs and Eric Schwartz, ready to load into Personal Paint. Karl Bihlmeier and Dr Chip have also donated a large collection of very high quality stills and movies. Excellent viewing.

PERSONAL SUITE

A500
A500+
A600
A1200
A1500
A2000
A3000
A4000

system requirements:
OS 1.3, 1Mb RAM
Recommended: 2Mb Chip Ram, hard drive.

ease of use.....85%
A well-organised CD. The software friendliness varies from fair to excellent.

performance.....90%
A high score here mainly for Personal Paint.

value for money.....89%
Lots of software for your money, but no printed manuals.

OVERALL
Worthwhile for Personal Paint alone – the rest is a bonus.

90

(01903) 850378 SEASOFT

VISA MasterCard Access

VERY LATEST & BEST PD ONLY 80P PER DISK FOR 10+ DISKS

OctaMED V6 £35.00

95% – Amiga Shopper
94% – CU Amiga
91% – Amiga User
9/10 – Amiga Computing

New font-sensitive GUI layout, loads, saves Std MIDI files. Supports RAW, IFF, AIFF, WAVE, MAUD samples (mono & stereo) Save mods as executable files Supports Aura sampler and Toccata sound board. Requires Kickstart 2 or greater and 1.5 Meg Ram)

T.I.13 - £2.50

Latest issue of the MED Users Group Disk mag. Essential reading for all OctaMED users (Iss 6 to 12 also available)

LOOM – £10.00

LOOM is an exciting departure from the normal methods of Amiga music production. It is a hybrid between a simple, yet powerful visual programming language and a composition system. Simple music OBJECTS (notes, chords, phrases or songs) are assembled together and modified with various tools & mathematical functions including data from Chaos Theory & Fractals, Non Linear Systems etc.
(Needs 4 Meg of RAM)

KIDS ONLY - £10.00

Originally due for commercial release this brilliant collection of educational activities is now only available from Seasoft.

COLOURING PAD, I-SPY, DOT 2 DOT, PICTURE SLIDE, MUSIC MAKER, WORD SEARCH, PAIRS

Each colourful activity has various skill levels making this title ideal for kids of all ages. (demo version PD disk 2282)

TECHNOSOUND TURBO 2 - Pro

Latest version of this popular 8-bit sampler
£29.99

1200 KICK V1.3# (1) Get those old A500 progs working!
1344 MAGIC WORKBENCH #^ (1)
1318 PRINTER DRIVERS (1) Canon BJ; HP Deskjet; Ricoh etc.
1462 MIDI TUTORIAL # (1)
1526 WORD FACTORY (1) Quality spelling prog for young kids
1989 MIDI UTILS 1 # (1)
1990 MIDI UTILS 2 # (1)
1991 MUSIC X UTILS 1 # (2)
1993 MUSIC X UTILS 2 # (3)
2009 HARD DRIVE UTILS # (2) Aback Up; Fix Disk; VC; Click Dos 2; ReOrg;; Tools Daemon; Mr Back Up etc.
2121 A-Z PAINT PAD (1) Excellent paint package for kids
2209 PERSONAL ANALYSER # (1) Do you know yourself?
2268 BIG GIRLS 2 #^ (3) Well presented 20 "Page 3" pics
2335 EXCELLENT CARD GAMES III #^ (1) Poker, Czarina, Colours, Scottish & Napolean
2336 COARSE ANGLER # (2) Excellent coarse fishing game/simulator
2340 DOPUS UTILS VOL 2 (1) Various utilities for use with D'Opus
2341 CHANEQUES # (2) Excellent game – watch out lemmins!
2344 PAGESTREAM 3H UPDATE (2)
2374 – MAGIC WB EXTRAS 11 #^ (2)
2376 - MAGIC WB EXTRAS 12 #^ (2)
2380 - DOWNLOADER (1) 26 new fonts for use with 24 pin dot matrix printers or compatible printers.
2381 - BALLS (1) Well presented Shareware Lottery
2382 - SEVERED HEADS #^ (X) (2) Graphic adventure game, adult only
2384 - AMIGA DOS GUIDE # (1)
2388 - MR GREEDY (1) Excellent Story book for young kids
2390 - ALIENS CONFIDENTIAL MULTIMEDIA #^ (9) Packed with interesting facts & pics
2403 - WAC AMOS SPECIAL #^ (1) Amos disk mag – a must for Amos users
2405 - EMOTIONAL CONFLICT #^ (1) Impressive Graphic Adventure game
2406 - HP LASER JET 4 DRIVERS (1) LJ4 Boost, Miniprint, HP4L, Control
2407 - CMS TRAX 7 # (1) 5 Excellent OctaMED Modules
2406 - MULTIVISION 9 # (1)
2409 - MULTIVISION 10 # (1)
2410 - MULTIPRINT 5 # (1)
2411 - DISK HELPER 9 # (1)
2412 - DISK HELPER 10 # (1)
2413 - AUDIO MAGIC 14 # (1)
2414 - AUDIO MAGIC 15 # (1)
2415 - OFFICE HELPER 4 # (1)
2416 - PAMELA ANDERSON (X) #^ (2)
2418 - CLAUDIA SCHIFFER (X) #^ (3)
2428 - HD GAMES INSTALLER 4 (1)
2429 - ABYSS DRUGSTORE #^ (2)
2431 - FREEZER LECH #^ (1) Three of the very latest AGA Demos
2433 - KIDS 7 # (1) Excellent programs for young kids
2437 - INTERNET UTILS 2 # (1) AmiTalk; AmiTCPHelper; AmiWatch; Control Panel; GUIF; Online O Meter.
2438 - ESSENTIAL AMINET 7 # (1) Image FX & Image Studio data/patches; LHAControl; LJBoost; MasterISO; Photogenices etc.
2439 - FRODO V1.5 # (1) Commodore 64 emulator

This is only a very small selection of PD titles in our collection. If you cannot see what you are looking for then PLEASE ASK.

2440 - ROM 4 DISK MAG # (2) All you need to know about the Demo scene
2452 - STAR TREK GUIDE # (6) All you wanted to know about StarTrek
2458 - DR WHO ANNIVERSARY # (5) Do you know who the Daleks were?
2466 - FINDING THE TRUTH 2 # (2)
2468 - FINDING THE TRUTH 3 # (1) All the latest on UFO findings
2469 - DOS MAN (1) Ref book for beginners and experts.
2470 - IMAGE STUDIO 2.1 (2) Latest version of this excellent program
2482 - SUN #^ (2) Excellent Fantasy Demo
2484 - MASTER BLASTER # (1) Excellent Dynablaster clone
2485 - SKIDMARKS 2 CARS (2) More cars for Skidmarks 2 game
2487 - DELUXE PACMAN V1.6 #^ (1) Super Pacman game
2490 - CMS TRAX 8 # (1) More excellent OctaMED 6 mods
2491 - MESSYSID 3 (1) Don't have Cross Dos! then get this.
2492 - DUCK DODGERS # (1)

PD/SHAREWARE PRICES

1 disk – £1.50, 2 to 4 disks – £1.25, 5 to 9 disks – £1.00, 10 to 19 disks – 80p, 20+ disks – 75p

Prices per disk – Number of disks shown in brackets
Titles marked # will not work on A500 (V1.2/V1.3); ^ will not work on A500+/A600; (X) are suitable for over 16s only

2472 - THE WORD 6 #^ (1) NFA Disk "scene" magazine
2473 - AMIGA E V3.2A # (2) Latest E Compiler (fha format)
2475 - PICTURE BOOK #^ (4) Stunning AGA Demo – worth a look
2480 - SCOUT # (1) Comprehensive System Monitor
2481 - TRANSITION # (1) Image conversion package
2493 - SHAPESHFITER V3.1 # (1) Apple Mac emulator
2494 - CHEATS V2.1 (1) Loads and loads of game cheats
2496 - THREE DIMENSIONS 17 (1) A must for 3D Con Kit users
2497 - ALTERNATIVELY MUSICKED # (1) Out of this world - OctaMED Mods
2498 - MUSIC FIRST # (1) Addictive platform game

LATEST CD-ROMs
free postage & packing (UK only)

17-BIT FIFTH DIMENSION	£17.50
A DROP IN THE OCEAN (Audio CD)	£9.00
AGA EXPERIENCE	£20.00
ADULT SENSATIONS	£17.50
ADULT SENSATIONS 2 (over 18s only)	£17.50
AMINET 8	£13.50
AMINET SET 1 (quad)	£25.00
AMINET SET 2 (quad)	£25.00
AMOS PD Version 2	£17.50
ARCADE CLASSICS	£13.50
ASSASSINS COLLECTION 1	£9.00
ASSASSINS COLLECTION 2	£17.50
C64 SENSATIONS	£17.50
COLOUR LIBRARY	£9.00
GRAPHICS SENSATIONS	£17.50
GROLIERS 2 ENCYCLOPEDIA	£25.00
LSD 3	£17.50
MEETING PEARLS 2	£9.00
MULTIMEDIA TOOLKIT 2	£22.50
NETWORK Volume 2	£13.50
PROFESSIONAL IFF/PCX CLIPART 2	£17.50
SCI-FI SENSATIONS	£17.50
SOUND & GFX WORKSHOP (double)	£17.50
SPECTRUM SENSATIONS 2	£17.50
UPD GOLD (quad)	£25.00
ZOOM	£17.50

400dpi Mega Mouse – £12.95

SPECIAL VALUE PD PACKS ONLY £7.50 PER 10 DISK PACK

OctaMED mods of Eric Clapton
2499 - TEXT ENGINE 5 # (1) The very latest and best s/w Word Processor
2500 - AEVOLUTION # (3) Quality OctaMED Mods
2503 - TARGET # (1) Great game - shoot the targets!
2504 - UFO ANIM #^ (1)
2505 - THE WORD 7 (2) NFA disk mag of the Demo Scene
2507 - SURFING THE JAZZ WAVES # (1) Excellent Jazz Music Demo
2508 - VIRUS CHECKER 7.17 # (1) Latest and best virus checker around
2509 - C64 EMULATOR V3 (3) Latest emulator and games
2512 - FRUIT KITCHEN - SILENTS #^ (2)
2514 - HATE 2 - FRANTIC #^ (2)
2516 - THRILLED - EMBASSY #^ (2)
2518 - ZIF #^ (2) The latest AGA demos, all req HD
2520 SHEPHERD # (1) Populas/Gods style game
2521 SCION V3.13 # (1)
2522 GEN TREE # (1) 2 comprehensive genealogist programs
2523 YOUR FIRST PONY (2) Learn all about caring for your pony
2525 AIRSHOW # (1) Pictures from recent airshows
2526 MESSERSCHMITT 8F109 (2) Text book and pics about this lighter
2528 ULTIMATE DMC DEMO # (1) Demo of F1 Disk magazine creator
2529 ULTRA ACCOUNTS V2 # (1) Comprehensive banking package
2530 TURBO CAT PRO V1.2 # (1) Disk Cataloguer
2531 TRAP EM GAME # (1)
2532 AMOS EXTENSIONS (1)
2535 FRANTIC (1)
2534 ADVANCED AMIGA ANALYSER (1)
2536 SHARD WB3 LIBS & DATATYPES (1)
2537 PD PAK 6 (1)
2538 WB3 UTILITIES #^ (1)
2539 THE BEST OF THE REST (1)
2540 SAMPLES (3)
2543 ULTIMATE MUSIC JAM (1)
2544 THIRD DIMENSION 18 (1)
2545 CD ROMS INFO (1)
2546 SPECTRUM GAMES (4) For use with Speccy emulator
2550 VARIOUS PRINTER DRIVERS (1)
2551 SPITFIRE V4 (2) Text book and pics about the Spitfire
2553 VARKS CLI UTILS 7
2554 DOGS COGS DEMO #^ (3) Excellent music demo by Nerve Axis
2557 LOBE DEMO #^ (1)
2558 GAP DEMO #^ (1) New aga demos from the Remedy Party
2559 GRAPHIC WORKBENCH #^ (2) HD utility to create backdrops including 10 backdrops and icon sets
2561 GRAPHIC WB EXTRAS #^ (2) More backdrops from Reko card sets
2563 HEAD & SHOULDERS #^ (1) Effect brings you various chip modules
2564 DALA HORSE DEMO #^ (4) Powerful HD Demo by Razor
2568 GLOOM GAME DEMO #^ (1) HD Doom style Playable demo
2567 ABSOLUTE BEGINNERS GUIDE TO WORKBENCH V3 VOL 1 #^ (1)
2568 F1 PUNTER UPGRADE (1) Upgrade to F187 Punter V3 to V3.1
2569 OXYGENE "CONTROL" #^ (2) HD Demo winner from GASP 95 party

– NEW – AURAL SYNTHETICA £30.00

DIGITAL MODULAR SAMPLE SYNTHESISER

From the author of Aural Illusion
Modular synthesiser design provides the most versatile sound generation program on any platform.
Samples saved as IFF, AIFF, WAV or SAFF formats (needs Kickstart 2 or greater & 2Meg of RAM).

CALL FOR FULL DETAILS.

MIDICRAFT MAGAZINE

Following on from where the highly successful AM/FM left off, this new disk based mag from the Craft Brothers is a must for all Amiga musicians

£2.50 per issue
(Issue 8 now available)

AURAL ILLUSION 2 £20.00

8/16 BIT SAMPLE PROCESSOR

32 bit processing
55 manipulations
30 Effects including Time Stretch, Graphic Eq. Mixer & Resonant Filter
Compatible with most popular 8/16 bit file formats including IFF, AIFF, WAV, VOC etc.
Improved Synthesised Sound Editor
(needs Kickstart 2 or greater & 2 Meg of RAM)

MIDI MODULES

High quality Music-X and Amiga/PC MIDI files (state format required) produced and arranged by Kevan & Gareth Craft

Volume 1 - £15.00
Vol 2 for Keys - £10.00
Volume 3 - £20.00
Dynamite Drums 1 – £10.00
Dynamite Drums 2 – £15.00

Call for further details

MIDI INTERFACE

1 IN, 1 THRU & 3 OUT with pair of leads
£22.50

PACK 2 (a & b) MAGIC WB EXTRAS – Packed full of backgrounds, Icons etc for Magic WB. 2 packs available (2a & 2b)

PACK 4 EDUCATION – The best Public Domain Educational programs around for young children ages 4-11

PACK 5 SAMPLES – Packed with a wide range of quality samples for your favourite music package. (Please state RAW or IFF)

PACK 6 KLONDIKE, BLACKJACK & VIDEO POKER – Excellent AGA card games & extra card sets for your A1200HD

PACK 8 (a to j) OctaMED Modules – Hundreds of mods from the Med Users Group collection. 10 packs available. (8a to 8j)

PACK 9 (a & b) CG FONTS – Loads of quality Compugraphic fonts for WB 2 &3, Wordworth 2+, Page setter 3 etc. 2 packs available (9a & 9b)

PACK 11 CARTOON CLIPART – Mono & Colour IFF clipart of your favourite characters from Porky Pig to the Lion King.

PACK 18 U.F.O. – Full of interesting info from around the world – text files & pics on sightings, encounters & abductions etc.

OTHER SPECIAL VALUE PACKS

PACK 12 – £5.00 OctaMED 4
6 disks with the full version of this A500 compatible music program, disk based manual and a selection of mods & samples to get you started.

PACK 13 – £11.50 GLAMOUR PACK
15 disks packed with AGA beauties from the famous Body Shop collection. (A1200 only – not suitable for anyone under 16).

PACK 14 – £4.50 OFFICE PACK
5 essential tools for the home/small office. Word Processor, Database, Forms Designer, Accounts and Spreadsheet.

HORIZON

A NEW NAME IN LICENCEWARE DISTRIBUTION

The following titles are only £3.50 each
Call for complete listing

TOUCH TYPING TUTOR 2 - Excellent tutor
PAINT, PASTE & DRAW - paint package
FAST FRET - teach scales on the guitar
ACHORD - teach chords on the guitar
DRAW SELECTOR - database for the pools
LOCKOUT PRO - a must for HD owners
POWER ACCOUNT - home finance package
LOTTERY FORECAST - random etc.
LOTTERY LEAGUE - lottery database
POWER TEXT - text editor & word processor
ASTRONUTTY - puzzle arcade platform game
BUGGLES - quality platform game
CRYSTAL SKULL - graphic strategy game
DRAGON TILES 2 - Mahjong puzzle game
LASERS - puzzle solving arcade game
SENTINAL - excellent puzzle game
FRONTIER DEFENDER - space combat game
WINNING POST - horse racing simulator

LITTLE GEM

Mixer & E.Q. unit
The ideal accessory for OctaMED etc.
9/10 - Amiga Computing
83% - CU Amiga
83% - Amiga User
80% - Amiga Shopper

£69.99

A1200 STARTER PACK

Mouse Mat
Dust Cover
Head Cleaner
10 Blank Disks
100 Cap Disk Box
10 ASI Games Disks

£19.95

F1 LICENCEWARE

We stock the entire F1 range
Call for complete listing

Educational titles only £3.99 each

SUPER FUN - Sum Blaster, Noisemaker, Tables (ages 5-9)
RAINY DAY - Paint Box, Tiny Tunes, Word-search, Story Book, Scribble Pad (ages 4-8)
THROUGH THE RED DOOR - Colours, Numbers, Letters (ages 3-5)
TOTS TIME - ABC, 123, Sounds (ages 1-4)
ASK ME ANOTHER - 19 educ progs (ages 3+)
COLOUR MATHS - Makes learning fun (4-10)
SUNNY SPELLS - Makes spelling fun (3-11)
MATHS MONKEY - Maths progs (ages 7-12)

F1 GOLD with printed manuals

GRAC V1.1 - £6.99
Powerful Graphic Adventure Creator
BLACKBOARD V4 - £8.99
Comprehensive Image processor
MAGIC PAINT BOX - £6.99
Paint package especially for kids

Please remember to add the following Postage & Packing charges:

50p to orders for P.D./Licenceware only (£1.50 Europe, £3.00 R.O.W.) or £1.00 if your order includes other items (Europe & R.O.W. at cost).

Please make cheques/postal orders payable to SEASOFT COMPUTING and send to:

Seasoft Computing, (Dept CU), Unit 3, Martello Enterprise Centre, Courtwick Lane, Littlehampton, West Sussex BN17 7PA

or telephone

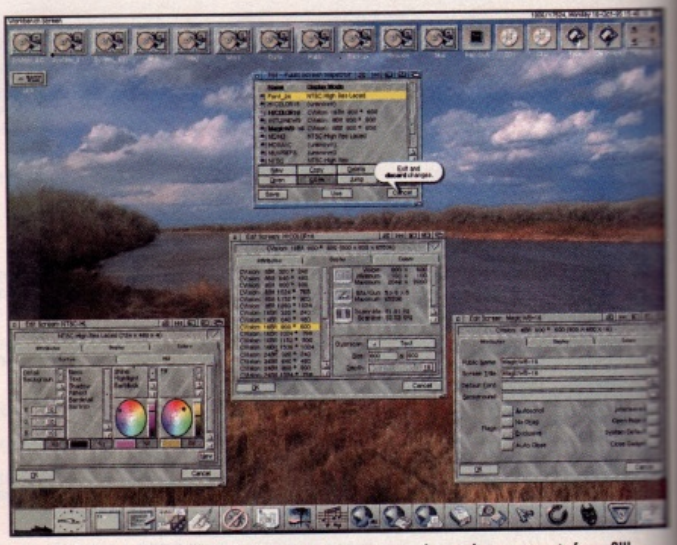
(01903) 850378

10.00am to 7.00pm Mon-Fri (to 5pm Sat). Callers by appointment only please

Magic User Interface 3.0

■ Price: £15.00 ■ Developer: Stefan Stuntz ■ Supplier: Paul Jewel ✆ 01222 257890

Finally, the long awaited new version of the controversial Magic User Interface arrives. We take a close look.



▲ MUI 3.0's most impressive feature is the fact that you can customise nearly every aspect of your GUI.

Graphical User Interfaces (GUIs) have revolutionised the way people use computers. Before GUIs (often pronounced gooeys), most computer input and output was purely in the form of text and numbers. Fortunately that's all history now, as the Amiga helped lead the march into the age of point-and-click computing.

From Kickstart 2 onwards the Amiga comes with a GUI called GadTools which is stored in ROM. Programmers can use this to create clear and simple graphic front ends without having to worry about writing low level program code to draw all the boxes and gadgets, and handle the user input. For example, all of Work bench programs were created with GadTools.

Because GadTools resides in ROM (rather than RAM), programs created with it use very little memory. Also, due to the simplistic nature of the GUIs it creates, they tend to operate at a good speed even on 7Mhz 68000 Amigas. It is, however, lacking in a great many features found in more modern operating systems.

On the 8th of August 1993, Stefan Stuntz introduced a new GUI system called Magic User Interface or MUI for short (usually pronounced 'Mooey'). As it was updated through time, it gained more and more support from a variety of programmers around the world. However it also caused great controversy. Any program written using MUI will only work if MUI itself is installed on the user's system. The several hundred files and a few megabytes of hard drive space demanded by MUI proved difficult to swallow for low-end machine owners, as did the much slower drawing speed of the MUI interfaces, even if they were a drastic improvement, feature wise, on GadTools efforts.

Bad Reputation

Unfortunately MUI also got a bad reputation for being unstable and prone to crashes. One of the prime causes for this is a program called AMosaic, an Internet World Wide Web browser. AMosaic itself is notoriously buggy but because it uses MUI, the inference is that it must be MUI 'doing the crashing'.

The fact that many Amigas, like those at CU Amiga Magazine, run many dozens of MUI applications 24 hours a day without a single glitch, has done nothing to stem the tide of anti MUI feeling. The bottom line is that because MUI GUIs are so much easier for programmers to create, less experienced programmers manage to release software before their own bugs can be worked out.

It's not perfect though. Stefan Stuntz himself admitted that the redraw speed could be better and a more efficient use of memory could be devised. These improvements were promised for the much heralded MUI 3.0. Using a 'drop in' upgrade system, MUI 3.0 promised to improve performance in all these areas and more and was finally released in November at the Computer '95 show in Cologne Germany.

Major re-write

MUI 3.0 installation is carried out by a well written Commodore Installer script. It will rename your MUI 2.3 directory and install MUI 3 in a new directory just in case you have some problems with your existing MUI applications. When I rebooted I found that all of my MUI preferences didn't function at all. Everything needed to be set up once again. That's not too surprising given the major re-write but it would have been nice to have some kind of conversion utility to carry over the settings.

As promised, the libraries are split into multiple smaller modular libraries. Only when specific features are required, will they be loaded into memory. It's a good move and in practice the total memory overhead seems to have dropped by about 100K. Redraw speed is virtually unchanged on fast machines with graphics boards but on low end machines with the native chip set graphics, the display is definitely quicker. Users of 7Mhz machines will still not like the display speed but I'd say it's now fast enough for A1200 owners with fast RAM, but maybe a little too slow on stock A1200s.

Custom Workbench

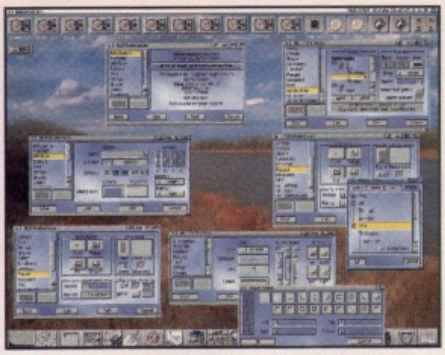
The aspect that has improved most, however, is the MUI preferences program. No longer

Get It Here

MUI 3 costs £15. For more information write to: Paul Jewell, at 7 Fairfield Avenue, Cardiff CF5 1BR . Previously registered MUI users will be charged just an update fee of £8.

We recommend that you obtain the unregistered shareware version from a PD House and use the provided utility to print a registration form.

You can contact Paul Jewell on 01222 257890 between 8pm and 10.30pm.



▲ The new modular preferences in MUI 3.0 being shown off to the full.

massive GUI full of dozens of pages, it's now smaller and much much faster. For those not familiar with MUI, the most impressive feature is how virtually every aspect of your GUIs can be customised to your own preference. If MUI prefs is activated on its own, it only modifies the general MUI settings.

For example, the settings for every program which can be further modified by settings for each individual program. Your MUI disk filer might have large rounded buttons with a marble backdrop and thick border lines, where as your MUI address book might have a tiny font, square hi-tech buttons and fast lister refresh.

In the global preferences, you can activate any of four new window gadgets for all your MUI programs. These will appear next to the 'make small' and 'front to back' gadgets present on most Amiga windows. One of them is very handy indeed as it brings up a tiny menu containing 'iconify', 'snapshot', 'unsnapshot' and 'settings'. The first turns the window into an Icon on your Workbench. 'Snapshot' saves the position details of the window. This is another major MUI feature and means that when that window is opened again, MUI will remember its size and position. 'Unsnapshot' removes the preferences and 'settings' activates MUI prefs. The difference with activating the prefs this way is that the settings saved are only for the MUI application that launched MUI prefs rather than everything. This is a major improvement on how things were handled before.

Significant improvement

Over all, MUI 3.0 is a significant improvement over MUI 2.3. Stefan Stuntz has gone a long way to address the problems raised with earlier versions. I don't think this will entirely vanquish the MUI haters club but it will prove to everyone else that MUI is a very valuable, useful and attractive GUI system which, as Gilles Bourdin of Amiga Technologies said, is well worth looking at. No doubt programmers will continue to support MUI so our Workbench can be littered with impressive customised user interfaces.

The unregistered shareware version of MUI 3.0 is due to be released onto the public domain shortly. Call your favourite PD house to try it out for yourself. ■

Mat Bettinson

MUI 3.0

A500
A500+
A600
A1200
A1500
A2000
A3000
A4000

system requirements: Kickstart 2.0+ and hard drive

ease of use.....90%
After the simple installation, all MUI applications will function better

performance.....88%
MUI was powerful before. Now it's faster and smaller.

value for money.....85%
Some won't like paying for a GUI system on their Amiga.

OVERALL
The GUI system the the new Power Amigas should have.

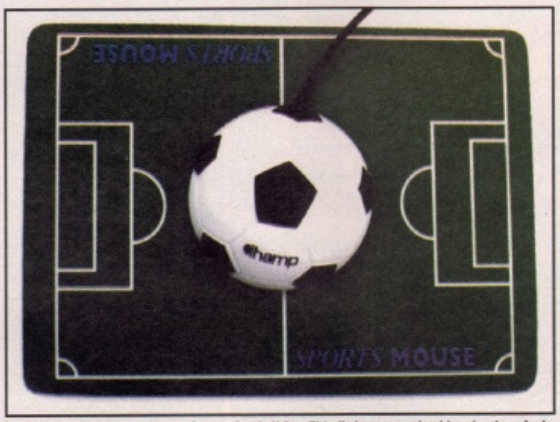
88%

Football Mouse

■ **Price: £19.99 Including mouse and mat** ■ **Supplier: Wizard Developments ✆ 01322 272908**

The ultimate Christmas present for the football management simulation nut has to be this mouse. Which is just as well, because for most other applications it leaves a bit to be desired.

This little football shaped mouse is a 400dpi device, which is a bit of a laugh really, because the sort of applications which require a mouse with reasonable performance in this league would a probably benefit from a bit more in the ergonomics and ease of use stakes.



▲ An ideal Christmas present for any football fan. This little set-up should make them feel even more part of it as they spend hours playing footy management simulations.

Don't get me wrong, it's a high enough quality mouse and I had no end of fun with it playing a game like *Ultimate Soccer Manager*, but if you use it with a serious application the buttons are just not responsive enough – never mind being difficult to find. Its flat, circular base, with four contact points allows the Soccer Mouse to move around very smoothly. But the fact that it's completely spherical and in a plastic football cover which obscures both of its buttons, making them overly awkward to double click efficiently really limits its uses.

For those with bigger hands it does fit nicely in the palm, especially if you get used to using your thumb on the left button and your index finger on the right button. This makes the cursor's planes of travel a bit more confusing but it makes the Football Mouse much more comfortable to use over a period of time. If you have a smaller hand though, or if you try to use it the way a normal 400dpi mouse should be used you'll get frustrated, like Tony Horgan.

But hey, it works and it looks fun – and it's matched to a usable and durable mouse mat marked out in green and white as a football pitch.

Despite its limitations I just can't think of a more unusual or apt present for someone who spends their entire life in front of a green screen wearing a sheepskin jacket.

However, If you want to use an art package you'd better have a spare mouse handy. ■

AD

70%

EVERGLADE

TEL:/FAX:01667 454933

ASK ABOUT OUR CHRISTMAS CLUB

AMIGA DISCOUNT SOFTWARE

AMIGA

Heavy Metal	£4.99
Matrix Marauders	£4.99
Knight Force	£4.99
Nevermind	£4.99
License to Kill - 007	£4.99
Galaxy Force	£4.99
Dogs of War	£4.99
Screaming Wings	£4.99
Count Ducula 2/Asteroids	£4.99
Captain Fizz meets the Blasterons	£4.99
Radio Controlled Racer	£4.99
Skychase	£4.99
Titanic Blinky	£4.99
Ghost Chaser	£4.99
Ninja Rabbits	£4.99
Gemini Wing	£4.99
Scramble Spirits	£4.99
A.P.B.	£4.99
Dragon Spirit	£4.99
Gazza's Super Soccer	£5.99
Orbit 2000	£4.99
Populous 2	£12.99
Postman Pat 3	£4.99
International Truck Racing	£4.99
Graeme Souness Vector Soccer	£4.99
Buffalo Bill's Rodeo Games	£6.99
Knife Throwing/Trick Shooting/Bronco Riding/Stage Coach / Rescue / Calf Roping /Steer Wrestling.	
Mercenary	£6.99
Championship Run	£4.99
Andre Agassi Tennis	£18.99
Another World	£12.79
Archer Mclean's Pool	£10.99
Bubble & Squeak	£12.99
Breach 3	£25.99
Cadaver / Payoff	£12.99
Campaign	£9.95
Cannon Fodder 2	£17.99
Championship Manager 2	£18.99
Chaos Engine 2	£19.99
Colossus Chess X	£6.95
Corporation	£8.99
Curse of Enchantia	£12.99
Dune 1	£12.95
Dune 2	£12.95
Desert Strike	£10.99
Embryo	£9.99
Evasive Action	£18.99
F-15 Strike Eagle II (1 Mb)	£12.95
F29 Retaliator	£10.99
Flight of the Amazon Queen	£19.99
Final Over	£10.99
Hoyles Book of Games Vol. 1	£11.99
Hoyles Book of Games Vol. 2	£11.99
Hoyles Book of Games Vol. 3	£11.99
Jungle Strike	£12.95
King Quest II - Romancing The Stone	£10.99
Loom	£12.99
Secret of Monkey Island 2 - Le Chuck's Revenge	£12.99
N.B.A. JAM T.E.	£19.99
Obsession	£21.95
PGA Tour Golf	£12.95
Player Manager 2	£13.99
Populous - Promised Land	£10.99
Populous II	£12.99
Realms	£10.99
Robinson's Requim	£12.99
Road Rash	£10.99
Rugby League Boss	£10.99
Sensible Golf	£18.95
Sensible World of Soccer	£18.99
Sim Life	£11.99
Sim City	£12.99
Simon the Sorceror 2	£20.99
StarmCrusader	£19.99
Striker	£6.99
Supremacy	£10.95
Temptris	£8.99
The Adventures of Robin Hood	£10.99
Tiny Troops	£19.99
Total Football	£19.99
Tracksuit Manager 94/95	£17.99
Treble Champions 2	£12.99
Turbo Trax	£17.99
Wing Commander	£12.99
Wolf Child	£8.99
Worms	£17.99

AMIGA 1200

Adventures of Robin Hood	£10.99
Alien Breed 3D	£19.99
Another World	£12.79
Andre Agassi Tennis	£19.99
Arcade Pool	£8.99
Archer Mclean Pool	£10.95
Cadaver - The Pay Off	£12.99
Campaign	£9.95
Cannon Fodder 2	£17.99
Chess	£19.99
Corportation	£8.99
Curse of Enchantia	£12.99
Desert Strike	£10.95
Dune 1	£12.95
Dune 2	£12.95
Dungeon Master 2 - The Legend of Skull Keep £24.99	
Elite 2- Frontier	£10.99
Embryo	£9.99
Exile	£19.99
F-15 Strike Eagle II	£12.95
Fears	£19.99
First Encounters-Elite 3	£19.99
Hoyles Book of Games Vol. 1	£11.99
Hoyles Book of Games Vol. 2	£11.99
Hoyles Book of Games Vol. 3	£11.99
Kings Quest II-Romancing the Stone	£10.99
Leading Lap	£19.99
Links - The Challenge of Golf	£14.99
Loom	£12.99
Monkey Island 2-Le Chuck's Revenge	£12.99
Hook	£7.99
Obsession (A1200)	£24.95
Pole Position	£19.99
Populous II	£12.99
Primal Rage	£19.99
Realms	£10.99
Road Rash	£10.99
Ryder Cup Golf	£12.99
Secret of Monkey Island 2 - Le Chuck's Revenge	£12.99
Sensible Golf	£18.95
Sensible World of Soccer	£18.99
Sim Life	£11.99
Sim City	£12.99
Simon the Sorcerer 2	£29.99
Star Crusader	£19.99
Striker	£6.99
Superloopz	£12.99
Supremacy	£10.95
SWIV	£8.99
Turbo Trax	£17.99
Virtual Karting	£19.99
Wolf Child	£8.99

CD32

Alien Breed 3D	£18.99
Andre Agassi Tennis	£18.99
Fears	£18.99
First Encounter / Elite 3	£18.49
Gloom	£17.99
Simon the Sorcerer 2	£24.99
Super Streetfighter 2	£21.99
Worms	£18.49

AMIGA ACCESSORIES

Mock-E-Mouse / Cybershot Twin Pack £14.75

Mock-E-Mouse gives joystick control to all mouse functions, Cybershot converts any standard Amiga joystick into a 'Deadly Autofire Stick', Fully Amiga Compatible.

DUST COVERS

A1200	£3.95
CD32	£3.95

DISKS

10	£3.50

CABLES

Replacement TV cable (All Amigas inc. CD32) £2.95

JOYSTICKS

Cheetah 125+	£7.99
Amiga Joypad	£9.99

MICE

Alfa-Data 400Dpi Mouse	£9.99
Amiga / ST Switchable Mouse	£12.95

AMIGA COMPUTERS

A1200 (c/w Pinball Mania,Whizz,Personal Paint V4 £379.99

A1200 with 170 Mb Hard Drive	£479.99

ITEMS SUBJECT TO AVAILABILITY. P&P is FREE. Europe add £2 per title. Rest of World add £3.50 per title.
ACCESS and VISA NOW ACCEPTED.

A600 / A1200 MultiMedia Station

INNOVATIVE IDE EXPANSION SYSTEM

A multimedia system incorporated into a stylish tower unit, with capabilities of housing a number of devices, ie:

Hard Drive
Removable Hard Drive
Quad / Dual speed CD Rom
Floppy Drives
Future Expansion

Image shows Tower and desktop version

OPTIONS

Option 1: With Dual Speed CD Drive £249.95

Option 2: With Quad Speed CD Drive £299.95

Option 3: With 440mb Hard Drive £249.95

Option 4: With Dual Speed CD & 440mb Hard Drive £349.95

Option 5: With Quad Speed CD & 440mb Hard Drive £3.99.95

Option 6: Tower with device lead £89.95

(not including software)

ALL CD ROM OPTIONS INCLUDE CACHE CDFS II AND CD32 EMULATION SOFTWARE

Please add £50.00 for Desktop Version

SPECIFICATION

ENABLES the use of IDE CD Roms and drives PCMCIA slot is unaffected, still leaving further expansion ie: SCSI cards etc.

BOOTABLE external hard drive. Some systems presently on the market which connect via the PCMCIA slot DO NOT allow this.

PHONO throughports allowing simple connection and mixing of CD and Amiga Audio.

STEEL constructed case with PSU and fan.

CENTRAL main switch allowing the monitor and computer to be switched simultaneously.

CD32 compatibility with auto boot option. Also reads PC, Macintosh, CDTV, Kodak Photo CD formats and plays standard audio CD's.

200W power supply to handle ALL the devices incorporated in the tower unit.

A600 / A1200 ICS MULTIMEDIA STATION

Intrinsic Computer Systems

38 Kings Drive, Gravesend, Kent, DA12 5BJ

Postage and Packing £8.00 UK

Methods of payment accepted are: Cheque Postal Order, Money Order. Made payable to **Intrinsic Computer Systems**

BEST PRICES FOR AMIGA CD ROMS

COVERGIRL £12.99

SPACE/AST £18.99

SHUTTLE £18.99

17BIT CONT. £9.99

17BIT FOUR £9.99

17BIT FIVE £18.99

WS FONTS £7.99

WS ANIMS £17.99

WS SOUNDS £17.99

ORDER FOR THE COST OF A LOCAL CALL

AMIGA DTV £13.99

GIGA GFX £34.99

ASI GAMES2 £18.99

SOURCE £18.99

AMINET 6 £11.99

AMINET 7 £11.99

AMINET 8 £12.99

AMINET1-4 £23.99

UPD GOLD £27.99

ADULTSENS £16.99

TETRIS CD £9.99

EMULATORS £17.99

WE'LL MATCH ANY PRICE!!!

MEDIACLIPS £19.99

HOTDEMOS £18.99

PEARLS 2 £8.99

3D ARENA £18.99

CD WRITE £39.99

COLOUR LIB £8.99

PRO IFF 2 £17.99

SOUND LIB £16.99

HOTTEST 4 £7.99

HOTTEST 5 £15.99

LOTTERY £8.99

PRO ICONS2 £12.99

~~...OUR GIRLS £19.99~~ £14.99

...OUR GIRLS IS A BRAND NEW RELEASE ...AINING THOUSANDS OF STILL "GIRLY" ...URES. YOU CAN'T GET THIS ONE ...APER ANYWHERE WE GUARANTEE ... (ADULTS ONLY)

TEXTURE PORTFOLIO ~~£29.99~~ £25.99

TEXTURE PORTFOLIO HAS BEEN IN THE MAKING FOR OVER 5 YEARS, ALL THE VERY BEST TEXTURES AND BACKDROPS ARE INCLUDED, WATER, WOOD, METALS, MANMADE, SCENERY ETC.....

ARCADE CLASSICS ~~£14.99~~ £12.99

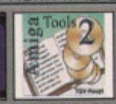
ARCADE CLASSICS IS AN ORIGINAL COLLECTION OF ALL YOUR OLD FAVOURITE GAMES: PACMAN, INVADERS, GALAXIANS, FROGGER, LODE RUNNER, Q-BERT, CENTREPEDE, MISSILE ETC, ETC

KLONDIKE ~~£19.99~~ £8.99

KLONDIKE & CARDS CONTAINS HUNDREDS OF READY TO USE REKO CARDS. PLUS KLONDIKE THE GAME- THE BEST EVER CARD GAME!!!!! THIS CD IS AN ABSOLUTE BARGAIN, DON'T MISS IT!!!!

MORE CD ROM AVAILABLE!!!!!

GROLIER £24.99



AMITOOLS2 £21.99

POV RAY £18.99

CLIPART £17.99

LIGHTROM1 £29.99

LIGHTROM2 £34.99

RECORDS £18.99

LIGHTWORX £28.99

ULTIMEDIA (2cd)£12.99

LSDTOOLS1 £13.99

LSDTOOLS2 £16.99

LSDTOOLS3 £17.99

...PECCY SENSATION ~~£14.99~~ £6.99

SPECCY SENSATION CONTAINS OVER 500 ALLTIME CLASSIC SPECTRUM48 GAMES. ALSO INCLUDED ON THE CD ARE A NUMBER OF AMIGA SPECTRUM EMULA... ...RS. REQUIRES KEYBOARD.....

CD32 NETWORK SET VERSION 2 £34.99

NEW IMPROVED SUPER FAST TRANSFER VERSION... INCLUDES CONECTING LEAD FOR ANY AMIGA, CD ROM & BOOT DISK. ALLOWS EASY TRANSFER OF ANY FILES FROM CD TO THE AMIGA. *(CD ONLY = £14.99)*

BARGAINS!! PURCHASE SEPERATELY OR ANY FOUR TITLES FOR JUST £19.99*

PRO FONTS £7.99

HOTTEST 4 £7.99

UTILS 1500 £7.99

ILLUSIONS £5.99

UTILITIES £7.99

BANSHEE £4.99

LOCKNLOAD £8.99

IFF CLIPS £7.99

TIMETABLE £9.99

SPECCY 1 £6.99

LUCKYDIP £4.99

MULTIMEDIA £5.99

SUPERCARS £4.99

GAMES DLT £7.99

PWR GAMES £8.99

EUROSCENE £8.99

* A SIMILAR TITLE MAY BE SUPPLIED IF ANY ITEM IS NOT AVAILABLE.

ORDERING INFORMATION

TO ORDER BY POST SIMPLY SEND YOUR ORDER WITH PAYMENT EITHER BY CHEQUE, POSTAL ORDER OR CREDIT CARD TO: PLEXUS MEDIA - PO BOX 637 SWINDON, UK.
TELEPHONE ORDERS ARE WELCOME FROM 10AM TO 4:30PM MONDAY TO FRIDAY (ANSWER MACHINE ALL OTHER TIMES)
ACCESS, VISA, MASTERCARD, EUROCARD, DELTA
PLEASE NOTE GOODS ARE NOT SUPPLIED ON A TRIAL BASIS.
POSTAGE: PLEASE ADD £1.00 PER CD FOR P&P IN UK, AND £2.00 PER CD FOR OVERSEAS DELIVERY
*SUBJECT TO AVAILABILITY. PLEASE ALLOW TIME FOR DELIVERY.

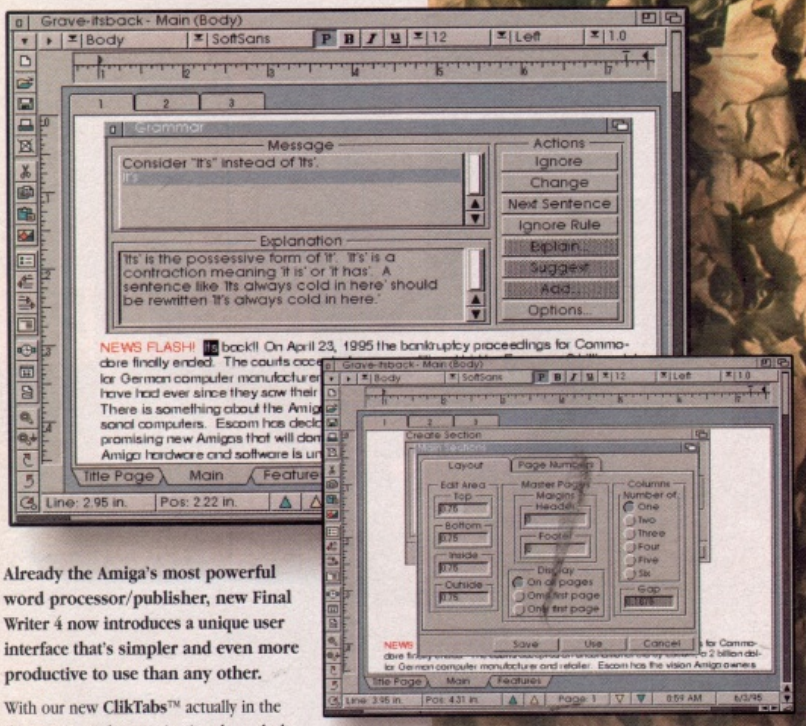
LO-CALL ORDER LINE. *FAX ORDERS: 01793 484097*

0345 660015

WRITE TO PERFECTION

Final Writer 4

A new branch on the SoftWood family tree



Already the Amiga's most powerful word processor/publisher, new Final Writer 4 now introduces a unique user interface that's simpler and even more productive to use than any other.

With our new **ClikTabs**™ actually in the document window, navigating through the pages and sections of your work couldn't be easier!

Equally as revolutionary, is the new built-in **CorrecText**™ grammar checker making Final Writer 4 the only Amiga word processor that reads, spells and checks, your document actually helping you...

WRITE TO PERFECTION!

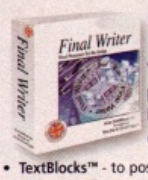
Final Writer 4's new innovations simply add to a feature list, already the most comprehensive of any Amiga word processor!
If you would like to place an order or just require further information, please call our...

Order Line

01 773 521606

ACCESS Credicharge VISA SWITCH DELTA

Who else but the World's leading Amiga home & office productivity software developer could offer you such a wide range of award winning programs?
A range acclaimed as the best for your computer with individual programs having received Amiga Format Gold, Amiga Computing Blue & Gold Chips, CU Amiga Top Rated and many, many others worldwide.



Final Writer 4™

Word Processor/Publisher

The most powerful Amiga word processor for users needing the highest performance and most comprehensive range of features.

- **TextBlocks™** - to position text at any size and angle
- **FastDraw Plus™** - versatile selection of graphics tools
- **TouchTools™ & PowerUser Bars™** - One touch commands
- **PerfectPrint™** - You just can't print better on your Amiga
- French, German and Norwegian dictionary options
- Output PostScript™ fonts & clip-art to all graphic printers. Supplied with 100 images and 120 outline font FREE!

£74.95 *Inc. p&p*

**Amigas running Workbench 2.04 or later with a hard drive and a minimum of 2.5Mb of free RAM - More recommended.*

Final Copy II™

Word Processor

This powerful alternative is the ideal companion for Amiga users with single or twin floppy drives and a lower memory size.

- **PerfectPrint™** - an advanced system that enables you to output PostScript™ smooth fonts to ANY printer in both landscape and portrait modes
- **FastDraw™** - on screen drawing tools for creation of boxes, lines, borders, arrows etc.
- Other features such as newspaper columns and import of graphics and pictures with scale, crop and autoflow text

**Amigas running Workbench 1.3 with floppy or hard drives and a minimum of 1Mb of free RAM (HDs - 1.5Mb) - More recommended*

~~£49.95~~ *Inc. p&p*

SPECIAL LIMITED OFFER **£34.95**

Final Data™

Database

A powerful yet simple to use database with extensive features enhancing your potential to store important information EASILY.

- Easy definition of columns for categories of information such as name, house number, street, town, county, postal code, phone number etc. - no unfamiliar commands!
- Built-in routines for rapid label printing
- Print/mail merge with word processors
- New 'Memo' feature, acting like a 'Post-It' note, to enter large amounts of text within any record

£39.95 *Inc. p&p*

**Amigas with floppy or hard drives running Workbench 1.3 or later and minimum of 512K free RAM (HDs - 1Mb)*

Final Calc™

Spreadsheet

The answer to every spreadsheet users dreams! With its flexible modes of operation, it's ideal for beginners and experts alike.

- Layered sheets for multiple linked spreadsheet operation
- Advanced Printing and font handling with auto-fit to page(s) and complete document scaling
- Vast choice of graph styles including 3D and animated to show calculation results actually as they progress
- Unlimited number of Undo and Redo events with listing
- Lotus 1-2-3 .WK1 compatible & full text file import/export

**Amigas running Workbench 2.04 or later with a hard drive and a minimum of 2Mb of free RAM - More recommended*

£CALL *for details*

SoftWood ...Naturally **Better**

SoftWood Products Europe Limited, (Department AMF), New Street, Alfreton, Derbyshire. DE55 7BP FAX: 01 773 85

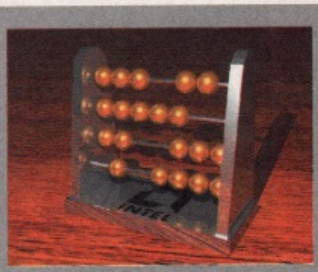
SoftWood Inc. United States +1 602 431 0949
Emerald/Quasar Australia +61 3585 2055
Oberland Germany +49 6173 65001
C.I.S. France +33 57 89 11 40
ProComp Sweden +46 472

**Help on system requirements: Our products are the most economical in their use of system resources. Like others, we quote the minimum required to load our software, but please note that as with all programs, more memory/latest Workbench may be required to access all graphical features fully. If in doubt, pl*

CD-ROM Round up

Feed your CD-ROM drive with another selection of thinly-sliced plastic platters.

Euroscene 2



Euroscene 2 has quality content but a lousy front end and filing system. The theme is European PD demos, with 600Mb of them included in DMS and LHA archives. The fact that most of the data is archived is not a problem in itself. However, there's no way to unpack these files other than via the Shell or any other unpacking utility you may already own. Most of the mods, demos and pictures are filed in directories named after their creators, but this means that there are hundreds of directories which may contain just one or a very small number of files. This makes unpacking even more long-winded. There was really no need to archive all of the graphics files into their own separate directories. Why not just shove them all in a single directory in IFF form? Demo completists will find plenty on offer but the AGA Experience CD from SadENESS PD (reviewed last month) offers similar content to this with a far more friendly interface.

Available from: Almathera, Southern House, Boundary Business Court, 92-94 Church Road, Mitcham, Surrey CR4 3TD. Tel: 0181 687 0040
Price: £14.95 plus £2.25 P+P.

68%

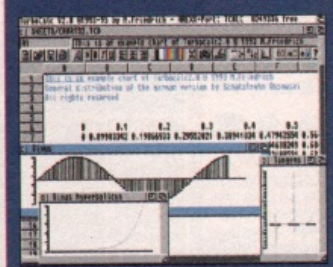
Light ROM 3

Light ROM 3 is definitely the best yet of the LightROM series, coming with three CDs and even a small booklet index detailing what's on each disc. The first disc is devoted to *LightWave* objects, textures and plug-ins. All the objects on this disc have been rendered and saved as screens of thumbnail images for easy previewing. The 'Buildings' section is particularly impressive, including a good Bates Motel for budding 3D Hitchcocks. Disc 2 holds another bunch of objects for other systems: 175Mb of *Imagine* data, 100Mb for 3D studio, 30Mb for Sculpt and 7Mb of data for Real 3D. There are also 700 JPeg textures here. The final disc contains over 1000 DEMs (digital elevation maps) for use with *Vista, Scenery Animator* and *Word Construction Set*. These are also included with 2D thumbnail preview renders. This is compatible with most of the Amiga's major 3D rendering systems such as *Imagine*. So, anyone using either *LightWave* or *Imagine* should add this to their shopping list. Also worth a look from *Real 3D* and *Cinema 4D* users.

Available from: Blittersoft, 6 Drakes Mews, Crownhill Industry, Milton Keynes MK8 OER. Tel: 01908 261466
Price: £39.95 plus £5 (two day) P+P.

88%

TurboCalc 2.1



It's good to see commercial software appearing on CD for the Amiga. *TurboCalc* was reviewed in our November 1994 issue and was rated at an impressive 94% . It's here on the CD in its entirety in English, German, French and Italian language versions. There's no printed manual included – this comes on the CD as an AmigaGuide document. In some ways this is more convenient than printed documentation but it's not the perfect substitute.

***Turbo Calc* is a spreadsheet at heart, but it also has plenty of extra features to expand its potential. For example, there's an in-built programming language. This can be used to ask the user for input and then perform calculations upon the input data. There's even a 'Connect 4' game included as an example project file to illustrate its versatility. Simple graphs and charts can be called up with a minimum of fuss. There's also a simple database section.**

Available from: PD Soft, 1 Bryant Avenue, Southend-on-Sea, Essex SS1 2YD. Tel: 01702 466 933 Price:£9.99 plus 75p P+P.

89%

EPIC MARKETING
CD ROM SOFTWARE

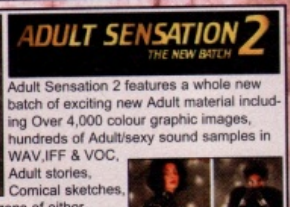
Emulators Unlimited contains Software emulation tools for the Amiga & PC. Spread over the two platforms are emulators for: Apple, BBC, Commodore 64, Commodore VIC20, Amstrad CPC, Apple Mac, Gameboy, Atari ST, MSX, Apple200, Atari 800, Atari1040ste, Sinclair QL, Unix and more. Also features hundreds of games,tools etc for most of the emulators.

EMULATORS UNLIMITED NEW!!! (CD117) £19.99

A superb CD-ROM for all STARTREK fans, contains Hundreds of graphic images in IFF & GIF from the very first series too the very latest film/series. Dozens of IFF and WAV sound samples are also included aswell as both the Next Generation & original Startrek Theme tunes. Also includes dozens of Startrek animations in both Amiga anim & FLI.

Only available till end of 1995

STARTREK MULTIMEDIA GOLD (CD04) £27.99



Adult Sensation 2 features a whole new batch of exciting new Adult material including Over 4,000 colour graphic images, hundreds of Adult/sexy sound samples in WAV,IFF & VOC, Adult stories, Comical sketches, Hundreds of Adult jokes, Dozens of either weird,sick or adult animations in FLI & ANIM. Adult sensation 2 also contains around a dozen original adult music modules that feature sexy samples. Not one for the faint hearted... (18)

ADULT SENSATION 2 (CD115) £19.99

World of Clipart is a double CD-ROM containing around 40,000 mono and colour clipart images contained in over 100 catagories in IFF, GIF, PCX, CDR, EPS, TIF, & BMP. Tools for converting images to another format are included for both the PC & Amiga. Subjects include : Animals, Anatomy, Babies, Men, Women, Trees, Reptiles, Insects, Xmas, Religious, Planes, Vehicles, Ships, Toys, Zodiac signs, Eye catchers, Humour, Cats, Dogs, Computers, Technology, Sealife, Space, Symbols, Royalty, Dinosaurs, Plants, Nature, Ads, Tools, Astrology, Hands, Birds, Business, Office, Workers, Cartoon, Lion King, Education, Food, Gardening, Holidays, Houses & Buildings, Helicopters, Children, Banners, Medieval, Military, Monsters, Music, Sports (football, golf, Aerobics, Olympics, etc), Transport, Trains, War and more. *Rated 94% AF*

WORLD OF CLIPART *Plus* DOUBLE CD (CD77) £17.99

Essential utilities is a collection of the most useful tools available. Categories include: graphics converters, text, music tools, Printer drivers, Virus killers, memory utilities, Emulators, Business applications including Wordprocessing, database, spreadsheets, diary systems etc.

ESSENTIAL UTILITIES Volume One (CD74) £9.99

A complete reference library of occult, esoteric, fringe and alternative reality. 40 million words in over 2300 text files. Covers UFOS, Aliens & coverups, The JFK conspiracy, police, Alternative medicine , tarot, palm reading & more.

2000 GREAT MYSTERIES (CD136) £21.99

The 5th Dimension is the 5th disc of the 17bit collection. contains over 600mb of new data. catagories include: Thousands of tools, games, demo`s, music modules, AGA software.

17BIT 5TH DIMENSION (CD157) £19.99

Lottery Sensation is a compilation of basically every Amiga Lottery predictor freely available, and dozens of documents with previous draws, statistics etc, etc. Increase your chance of winning Millions!!!!.

LOTTERY SENSATION (CD147) £9.99

Lucky Dip volume 2 contains stacks of games, demos, clipart, fonts, music, tools, graphics utilities, Animations, Sound FX, Samples, and loads more. (now with Amiga front end) *A bargain!*

LUCKY DIP Volume 2 (CD163) £5.99

SCI-FI Sensation is an exciting new CD-ROM containing over 1.3GIG of SCI-FI images, animations, 3D objects, Sound FX, Documents, Themetunes, Scripts & SCI-FI games. Subjects included are: Babylon5, Startrek (The original, TNG, Deep Space 9 and Voyager), Batman, Dr Who, Thunderbirds, Robocop, Sea Quest DSV, Bladerunner, Aliens, Terror hawks, 2001. Blake7, Battlestar Galactica, Tron, Total Recal, 2010, Space 1999 etc. Hundreds of miscellanous SCI-FI images, sound fx, SCI-FI music and more. *CUAmiga rated: 91% AUI Over 90%*

SCI-FI SENSATION DOUBLE CD (CD118) £19.99

FREE CHOOSE ONE OF THE FOLLOWING CDROM TITLES FREE! WITH ALL ORDERS OVER 25.00

FCD49X. *LUCKY DIP VOLUME ONE*
FCD54. *ILLUSIONS 3D*
FCD74. *ESSENTIAL UTILITES*
FCD12. *HOTTEST 4*
FCD47. *PRO FONTS & CLIPART*
FCD60. *MULTIMEDIA MANIA*
FCD159. *SUPER CARS '95*
FCD163. *LUCKY DIP VOLUME TWO*

FREE PHONE: 0500 ONE FREE ONE 486
At the time of ordering please request your free CD preference.

If your into Horror then this original CD ROM will please you no end. It contains Thousands of gruesome images, tons of gory animations. Bloody games. Spine tingling horror type sounds, Horror stories, Earlee music modules. Pictures & animations from hundreds of horror films and heaps of *real-life* blood`n`guts. (over 18 only)

HORROR SENSATION NEW (CD144) £19.99

Over 7000 royalty free colour images. Subjects include: cats, aviation, animals, people, hi-tech, space, cars, trains, textures, nature, sports, pin-ups, boats, flowers, plants, seasons, birds, technology, raytraced, cartoons, fantasy, art, reptiles etc, etc.

GIF SENSATION DOUBLE CD (CD128) £19.99

Adult Sensation Volume One contains over 4,000 high quality colour photographs of glamour girls. This CD will take you months to ponder through. Only suitable for persons over the age of 18.

ADULT SENSATION (CD01) £19.99

Graphics Sensation is a collection of the best graphics tools, 24bit images, animations and Imagine & Lightwave objects. Plus hundreds of texture files. *Rated 85% CU*

GRAPHICS SENSATION (CD02) £19.99

Arcade Classics is an original collection of ALL your old arcade favourites, Including Amiga & PC veriations of : PACMAN, SPACE INVADERS, ASTERIODS, MISSILE COMMAND, PENGO, FROGGER, LOAD RUNNER, GALAXIANS, DONKEY KONG, NUMEROUS TETRIS GAMES, BATTLEZONE, TEMPEST, COMBAT, TRON, SPACE WARZ, THRUST, Q-BERT, HUNCHBACK, MOON PATROL, TRAIL BLAZER, BREAKOUT, CENTREPEDE, CYCLES, BEZERK, SNAKE, SCRAMBLE, PING PONG, BREAKOUT, NUMEROUS C64 CONVERSIONS, A COLLECTION OF JEFF MINTER GAMES AND HUNDREDS MORE. Over 600mb of unforgettable retro-gaming. Floppy drive required, Keyboard recommended.

ARCADE CLASSICS *Rated 87% AC* (CD76) Now £14.99

THE EPIC COLLECTION

Contains our most popular floppy based software titles on one giant CD-ROM. Now you can purchase the entire Epic collection in one go. This compilation contains hundreds of megabytes of Amiga software. subjects include: Professional mono clipart, colour clipart, numerous 3D objects for Imagine & Lightwave, Colour, Bitmap, Compugraphic fonts & Adobe fonts, Graphics converters, Music tutorials, Beginners guide, 3D stereogram generators, Hundreds of Sound FX and samples, Virus Killers, Hard disk installer tools, Various Hardware projects, A number of classic demo`s, Hundreds of games including Shoot`em ups, Mind teasers, Puzzle, arcade and board games. The latest Assassins games, Emulators and the latest LSD utilities are also included. *Supplied with printed Index.

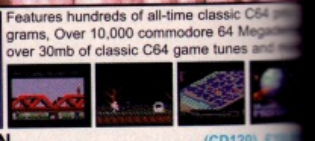
THE EPIC COLLECTION v2 NEW PRICE!!! (CD100X) £19.99

Retro gaming at it`s best. Around 5000 real time classic spectrum game files on one CD-ROM. Emulators included for the Amiga, Mac, Atari ST & PC (dos & Windows). Games include Manic Miner, Skool daze, Monty mole, Startrek, Three Jet Set Willy, The Hobbit, Strip Poker, Danger Mouse, The Sentinel, Micro Olympics, Under Wurlde, Uridium, Atic Atac, River raid, Barbarian, Hunchback and around 5000 other classic spectrum game files including *multi-load* games. Speccy part 2 also contains hundreds of documents containing instructions for most games aswell as hundreds of speccy game cheats. Keyboard required.

Rated: AF GOLD 95% - CUAMIGA 91% - AUI Over 90% - AC over

SPECCY SENSATION 2 (CD119) £19.99

Features hundreds of all-time classic C64 programs, Over 10,000 commodore 64 Megadrive over 30mb of classic C64 game tunes and



C64 SENSATION (CD120) £19.99

The Grolier electronic Multimedia encyclopedia contains thousands of pages of information on every subject, with Thousands of great colour photographs and illustrations and hundreds of sound clips from the BBC this CD-ROM is an essential purchase for all CD-ROM users.

Rated 97% AC - 94% AF

GROLIER ENCYCLOPEDIA Version 2. (CD46) £29.99

The largest collection of Workbench Icons, Backdrops and tools ever compiled. Includes well over 5,000 new icons, hundreds of Magic WB backdrops, and megabytes of desktop enhancer tools.

(CD152) £19.99

MAGIC WORKBENCH ENHANCER

This CD contains almost 100 variations of the most addictive and loved game. Nearly all the games are ready to run directly from CD, and archive versions are also included.

NOTHING BUT TETRIS (CD148) £19.99

Open Monday-Saturday
Please make cheques payable to: EPIC.
P&P in UK = £1 per title
Overseas P&P = £2 per title
Free colour CD list available

FREE PHONE Order line:
0500 131 486
Order / Enquiry line. 01793 514188 Fax: 01793 514187
EPIC Marketing, 138-139 Victoria Rd, Swindon, Wilts. SN1 3BU. UK

EPIC MARKETING (AUSTRALIA)

If you live in Australia or New-Zealand you can now purchase any of the above CD ROM titles from our Sydney based premises. Send your orders or enquiries to:

Tel: (02) 520 6606
Fax: (02) 520 6077
EPIC. 36 Forest Road, Heathcote, NSW. 2233. Australia
Please make cheques payable to A. SPITERI

For a Price list please send a SAE. For prices in Australian $$$ simply double the UK £££ prices here.

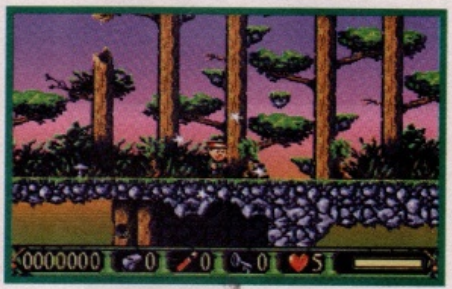
PD Scene

Fancy a bit of fun? Why not take a dip into the public domain soup and see what comes out in the ladel. Tony Horgan tucks in ...

GAME OF THE MONTH

PD Gold Vol 1
game collection

This is real value. For £2 (including p+p) you get three classic PD games on four disks: *Chaneques, M*A*S*H* and *Nicky Time 2*. *Chaneques* is a strange *Lemmings*-style game in which you guide three characters of differing abilities through a series of landscapes. *M*A*S*H* is a bit like a low-tech version of *Worms* (coincidentally, it actually appeared before *Worms*). It's more playable on slower Amigas. My favourite is *Nicky Time 2*, a well crafted platform game with top graphics, sound and gameplay. For an extra 25p you also get V12 PD's two catalogue disks. Is that top value or what?



Available from: V12 PD, PO Box 14, Louth, Lincolnshire LN11 8LF. Price: £2 including P+P, 25p for catalogue disks (optional).

90%

Hellspawn 1
comic on a disk

The first of a monthly series, Hellspawn issue one is new disk-based comic book. The plot concerns a group of demonic superheroes who have been sent to create hell on Earth. Once you know this, the five disk sequence of pictures and the occasional animation is easier to follow. The artwork is of a very high quality, combining hand drawn and digitised graphics in an over the top comic book style. Despite the fact the the £5 asking price would buy you a few real comics, Hellspawn is worth a shot.

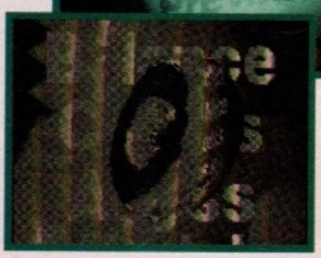
Available from: 9th Level Publications, 10 Victoria Street, Galashiels, Selkirkshire TD1 1HL Scotland. Price: £5 including P+P.

80%

Que?
demo

You'll need a hard drive and an AGA Amiga for this one. It's one of those demos that tries to do what Amigas aren't very good at: solid 3D and texture mapping. Taking this into consideration, it's fairly impressive, but this seems to be getting away from what demos are all about. When you've seen much better on a PC and the new consoles, there doesn't seem much point. Even so, there are some pleasing sections.

Available from: 17 Bit Software, 1st Floor Offices, 2/8 Market Street, Wakefield, West Yorkshire WF1 1DH. Tel: 01924 366982 Price: £1 plus 50p P+P.



70%

Disk Magazines

Total Irrelevance issue 12

Not that you'd guess from the title, Total Irrelevance is a disk mag dedicated to *OctaMED* and its users, compiled by the Med User Group. Teijo Kinnunen's 'Menÿ' system is used as a front end which displays the articles using a simple scrolling text display. Three modules are included to entertain you as you digest the reviews, opinions and features. The feel is very 'clubby' in a chatty amateur sort of way. Don't expect to unearth too many top new tips for *OctaMED*, but if you're just starting out or fancy swopping ideas and modules with fellow users, give it a shot.

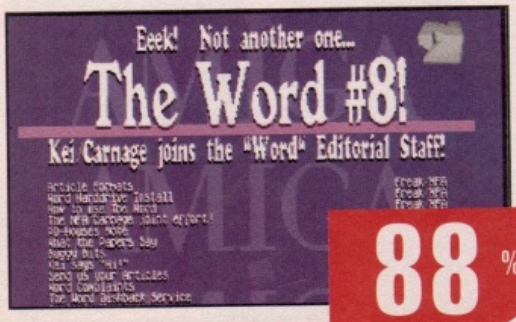
Available from: SeaSoft, Unit 3, Martello Enterprise Centre, Courtwick Lane, Littlehampton, West Sussex, BN17 7PA. Tel: 01903 850 378 Price: £2.50 + 50p P+P.

70%

The Word issue 8

The Word is no stranger to these pages, as it consistently supplies a mountain of articles to keep any Amiga owner glued to their screen for hours on end. While there are plenty of Amiga-related articles on the two disks, there's lots of general interest subject matter there too. The usual flashy interface is used to present all the articles. There's also an Adults Only section which can only be accessed if you correctly solve the password riddle at the start. Childish as I am, I failed, so I can't comment on this section. The Word is definitely the best value disk mag around and quite a good read.

Available from: Sadeness PD, 13 Russell Terrace, Mundesley, Norfolk NR11 8LJ. Tel: 01263 722169 Price: £2.50 including P+P.

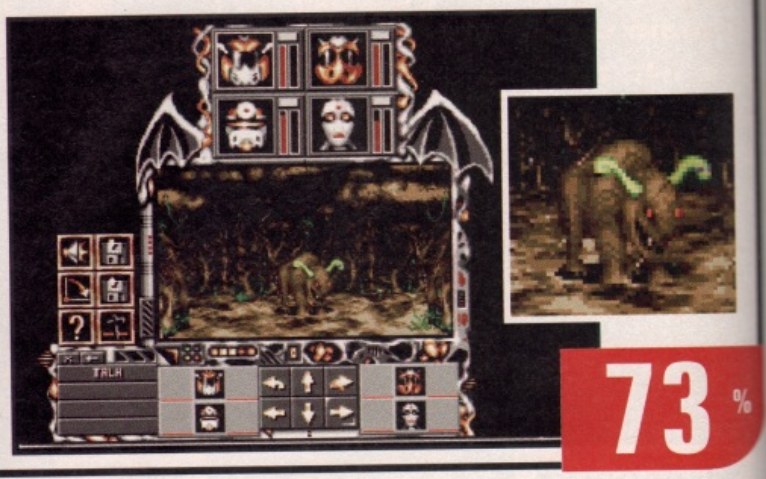


88%

Black Dawn 6 game

You don't get many real RPGs these days so this should be a welcome sight for strategy fans. The *Black Dawn* series has been running for a while now, based upon the *Dungeon Master* 3D maze format. Number six looks more impressive than the last few, although the gameplay seems to follow a similar route. If you like the idea of controlling a band of four characters through the forces of evil, and you've had enough of *Dungeon Master 2*, it's worth a look, even if it does conform to all the RPG cliches in the book.

Available from: F1 Software, 31 Wellington Road, Exeter, Devon EX2 9DU. Tel: 01392 493580 Price: £4.99 plus 50p P+P.

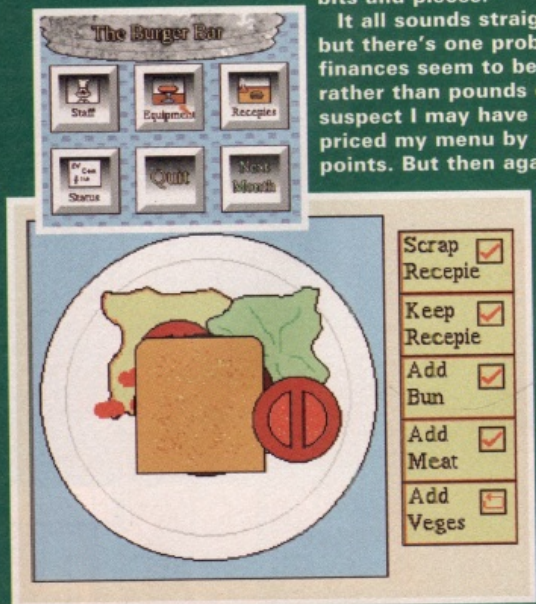


73%

Burger Bar game

If you liked the sound of MicroProse's *Pizza Tycoon* but couldn't buy the game because it never got actually released, how about this cheap substitute? It's not very good, but the idea is fun. You have to set up and run a successful burger bar, using a few basic management decisions (hiring staff) and by creating and pricing a range of burgers and sandwiches. There's also the job of buying furniture for the bar, investing in a few novelty toy promotions and a few other bits and pieces.

It all sounds straightforward enough but there's one problem - all your finances seem to be specified in units, rather than pounds or dollars and I suspect I may have unwittingly underpriced my menu by including decimal points. But then again, who can tell? The status readouts are rather too unhelpful.



Available from: Pixel Digital PD, Unit 6, Laurel Business Centre, 15 Laurel Road, Liverpool 7. Tel: 0151 259 4017 Price: £1 plus 50p P+P.

50%

Amiga Guitars
music disk

Get your comfy slippers on and recline into your rocking chair Grandad. Here are four acoustic-guitar tracks just made for wearing a cardigan to. Actually some of them are quite good in places, with clean guitar strums and realistic-sounding arrangements in places. There's a pretty front-end on the disk, but it didn't work on my A1200, although the modules load into *OctaMED* fairly well.

Available from: Pixel Digital PD, Unit 6, Laurel Business Centre, 15 Laurel Road, Liverpool 7. Tel: 0151 259 4017 Price: £1 plus 50p P+P.

82%

Return to Zantis
adventure game

I was pleasantly surprised to find that Return To Zantis is an impressive point-and-click adventure game. I'd tell you all about the plot but I dozed off after the first paragraph. I think it's about an evil empire or something (you know, the usual kind of thing). Anyway, it works like Monkey Island, in that you see your character on the screen and direct him by clicking on parts of the scenery. There's a tune that sits quite unobtrusively in the background, lending the game an air of doom and gloom. I suspect that the game's not that big as it comes on just one disk, so the asking price of £4.49 might be a little steep. Still, good adventuring fun all the same.

Available from: F1 Software, 31 Wellington Road, Exeter, Devon, EX2 9DU. Tel: 01392 493580 Price: £3.99 + 50p P+P.

80%

DemoMania
demo creator

No, it hasn't gone PD already! This is a save-disabled demo of the program we reviewed last issue. It received a 68% rating due to its unstable nature, but this is your chance to try it for yourself. *DemoMania* lets you make your own demos by selecting fancy plasma and scrolling effects from the point-and-click interface. You can include your own IFF pictures and animations, along with Soundtracker music modules (but not OctaMED). While the effects are quite smart, they're hardly cutting-edge stuff.Everything from the release version seems to be here. For the sake of continuity, I've scored it just as the review version. For more details on its features see the review in the December issue.

Available from: Pixel Digital PD, Unit 6, Laurel Business Centre, 15 Laurel Road, Liverpool 7. Tel: 0151 259 4017 Price: £2 plus 50p P+P.

68%

Poweroids
game

This is the unregistered version of a decent *Asteroids* clone. You only get to play one level at a time until you register. What makes this better than most is the small size of the sprites, which leads to a larger gameplay screen. It's all nice and fast with lots of little explosions going off all over the place. There's a two-player battle mode included to extend the game's life further still.

Available from: 17 Bit Software, 1st Floor Offices, 2/8 Market Street, Wakefield, West Yorkshire WF1 1DH. Tel: 01924 366982 Price: £1 plus 50p P+P.

78%

Magnetic Fiction
spooky stories

Are you easily spooked? If so steer clear of this. It's a collection of stories designed to put a shiver up your spine and an unpleasant warm damp feeling in your trousers. Not that it got me all of a quiver of course. Then again I've never been into scary fiction.

Available from: 17 Bit Software, 1st Floor Offices, 2/8 Market Street, Wakefield, West Yorkshire WF1 1DH. Tel:01924 366 982 Price: £1 plus 50p P+P.

60%

ACTIVE SOFTWARE

Dept CU11, P.O. Box 151, Darlington, County Durham, DL3 8YT
01325 352260
sales@active2.demon.co.uk

HOW TO ORDER

Public Domain Prices

Each Public Domain Disk 99p

Postage On All Orders 75p
Residents outside UK but in E.U. add 10% to TOTAL
Residents in Rest of World add 15% to TOTAL

Catalogue Disk 50p
Contains full listing, F1 Licenceware, CD's etc

Key

[WB2+] Workbench 2+ Only
[WB3+] Workbench 3+ Only
[2D] Number of Disks
[1MB] Minimum Memory
[AGA] For AGA Machines
[030] Minimum Processor
[HD] Hard Drive Needed

BUY 10 PD DISKS GET 1 FREE!!

Make all Cheques and Postal Orders Payable to
ACTIVE SOFTWARE

NEW TITLES

LATEST UTILITIES

U686 VIRUS WORKSHOP v5.6 latest virus killer [WB2+]
U687 VIRUS CHECKER v7.18 another virus killer [WB2+]
U688 BASIC ELECTRONICS v1.5 want to learn electronics? [2D]
U689 TURBO CAT PRO v1.1F much updated version of the disk cataloger. Just put in a disk, read the files and print/save the list. [WB2+]
U691 VMM v3.2 you can now use virtual memory [020+] [WB2+] [HD]
U692 F1-GP EDITOR v3.01 updated '95 version [WB2+]
U693 A SPELL v5.8 adds a spell checker to most text editors [WB2+]
U695 NAVIGATOR v2 This is SUPERB! Allows you to fly around, in real-time, a 3D arena. From architechtural to musical instruments. **NTitler** is a realtime 3D titling system - allows virtual reality modes. 3D text and model effects could be used to overlay onto video or for presentation work.
NWiper is a presentation system that allows uses texture mapping to make 3 Dimensional IFF picture wipes. Get this now! [WB2+] [020+] [HD] [2 Disks]
U699 MESSY SID v3 allows you to read and write to PC 720K disks without CrossDOS or WB3! Also transfer files each way. [WB2+]
U700 TEXT ENGINE v5 latest version of the superb text editor [WB2+]
U701 DATATYPES DISK need the PNG, Font, REKO datatype? These are just three out of many WB3+ datatypes for Workbench on here.
U702 SHAPE SHIFTER v3.2 is the much-raved latest version of the superb Apple Mac emulator. You need MAC ROM's and System 7.5 to use this program. [020+] [WB 2.1+] [4 MB+] [HD Recommended]
U704 MAGIC PAINT BOX DEMO of the F1 title [WB2+]
U705 CHEATS v2.1 000's of cheats here [2 Disks] [WB2+]
U706 VARK CLI TOOLS 9 Loads of great CLI tools.
U708 POWER TITLER DEMO superb video titler - rivals Scala
U710 SONIC DRUM KIT v2.1 FULL version of the drum sequencer
U711 GUI AMOS v1.9 create GUI's for AMOS Pro [WB2+]
U712 PROTECTOR v1.1 protect your hard drive [WB2+]
U713 NUCLEUS PRO DEMO wow! A demo of a forthcoming menu/front-end and interface creator. Allows you to create AGA front-ends for disks, hard drives or CD's with ultimate ease. The best ever. Try this!! [AGA]
U714 FINANCIAL ACCOUNTS v1.21 accounts program [WB2+]
U715 EXECUTIVE MAN v3 executive help for WB [WB2+] [HD]
U716 FIASCO v1 superb database system - easy to use [WB2+]
U717 ULTRA ACCOUNTS 2 decent accounts package [WB2+]
U718 DEMOMANIA v1.80 Complex (you've seen their demos!) have produced this demo creator for you to create scene demos! [WB2+] [2 Disks]
U720 MAGIC 64 wow! At last - load both D64 and T64 files into a C64 emulator with ease. If you're a C64 fan then you cannot miss this program. Loads of features make it the best C64 emulator there is! [AGA]
U721 REMDATE v2.1 personal diary/organiser [WB2+]
U722 FINAL WRAPPER v3.11 create text spirals, swirls, put text onto sine waves etc. For Final Writer release 2/3. [WB2+]
U723 POWER PROCEDURES v1.30 AMOS extensions.
U724 BLITZ BASIC v2.1 a demo of the forthcoming programming language behind Skidmarks, Blitz Bombers, Gloom etc [WB2+]
U725 XiPAINT v3.4 demo of a good AGA paint package [AGA]

LATEST GAMES

GM248 DELUXE PACMAN AGA Wow a pacman game by the author of Deluxe Galaga.
GM258 BATTLESHIPS A very playable game by the Assassins.
GM263 CODENAME NANO superb thrust game. Get it!
GM264 SCORTCHED TANKS v1.85 multi-player tank game
GM266 BLITZ BOMBERS demo of the multi-player bombers game
GM268 EXCELL. CARD GAMES III A few card games here. [AGA]
GM269 MASTER BLASTER II decent bomb game
GM271 SUPER COMBAT 3 this is a two player version of cannon fooder. Superb graphics - Object to kill other player. [2 Disks]
GM273 REBELLION an asteroids clone with a difference
GM275 MARATHON 2 player action game
GM276 THE DEVILS ABODE written by the author of War of the Worlds. This is a 3D horror adventure. Decent.
GM277 SPEED - DOOMER 2 version 2 of the Doom clone. More graphics, finer detail (walls etc) and much faster scrolling. [AGA]
GM279 ALIEN BASH II very similar to Chaos Engine....very good.
GM280 SKID RACER car racing game, not bad. [WB2+]
GM281 DUCK DODGERS great platform game with ducks [WB2+]
GM282 TRAP 'EM good platform [trap aliens] game [WB2+]
GM283 ZOMBIES Alien Breed style shoot-em-up [AGA]
GM284 DARK ANGEL Flashback style, platform in a power complex
GM285 BLACK DAWN V another version of the adventure [WB2+]
GM286 GALLEONS 2 player 3D shoot-em-up [WB2+]
GM287 ENGINES 2 player thrust game [WB2+]
GM288 HELSINKI FORCE 2 player good karate game [3 Disks]
GM289 CARDZ load and use AGA Klondike cards on ECS Amiga!
GM292 POWEROIDS good, rendered asteroids clone [020+]
GM296 INNER DEMONS spooky adventure [4 Disks]
GM299 SUPER SKIDDY THINGS 3 superb racing program for one or two players. Direct your rubber suited penguins around the ice!
GM300 GRAVITY FORCE II EDITOR edit gravity force 2 [WB2+]
GM301 DELUXE GALAGA v2.6C A super shoot-em-up with the usual additions such as the power-ups, weapons etc. AGA version. [AGA]
GM302 AUTOMOBILES v1.5 superb racing game for the Amiga. Loads of different tracks with the ability to have upto 4 players. [2 Disks]
GM303 EMOTIONAL CONFLICT 3D adventure
GM304 JIGSAW v2.2 jigsaw/strategy game [AGA]
GM305 PRO FOOTBALL v1.1 footie prediction [WB2+] [2 Disks]
GM306 BOOMIN 'ECK dynablaster clone [WB2+]
GM310 COALA DEMO demo of new Coala helicopter game [WB2+]
GM311 FENDERS - TITANIC EDITION car crash derby game
GM312 PENGUINS a demo of a cute platform game [WB2+]
GM313 MOTOR DUAL classic 3D 1/2 player race and chase game between two vehicles - kill the other player before time runs out [WB2+]
GM314 LEGEND OF POUNDS ISLAND 3D adventure [WB2+]

HOT NEW DEMOS

D203 MYSTIC "IMPOSSIBLE IMPOSSIBILITY" Winner of the Primavera party 95. Get this! [2 Disks] [4MB+] [AGA]
D213 PARALLEX/CCN "DEEP" Winner of the Gathering 95 [2 Disks] [HD] [4MB+] [AGA]
D216 FACULTY "MAN ON MOON" Very good demo from Faculty - needs loads of Mem! [4 Disks] [HD] [6MB+] [AGA]
D217 ABYSS "DRUGSTORE" [2 Disks]
D219 SANITY "ROOTS II" wow! A very decent demo release [020+]
D220 FREEZERS "DREAM WALKER" [2 Disks]
D221 FREEZERS "LECH" AGA won the Ram Jam charts "best demo in 1995". Loads of the same routines - tunnels etc.
D222 ARTWORK "GREENDAY" Won a recent party in Germany - very decent all round. [AGA] [HD] [3 Disks]

Latest demos continued.....

D226 SUPREME "CHAOS" [HD]
D227 SCOOPEX "ALIEN" Scoopex are BACK in the '90s with a good demo release! [AGA]
D228 STELLAR "HUMAN" Stellar release "Human excrement in ....", lets say no more!
D230 MELON "PLANET M" another classic release from the guys at melon. Released at a party in the Netherlands recently.
D231 AXIS "PICTURE BOOK" must be one of the best demo releases for many months, comprehensive. [AGA] [4 Disks]
D234 INTERACTIVE "ABSTRACT" another release from the party in the Netherlands. Excellent routines. [HD] [4 MB]
D235 MELON DESIGN "BAYGON" superb cartoonesy style demo!
D236 EMBASSY "THRILLED" Assembly '95 release [HD] [2 Disks]
D237 SILENTS "FRUIT MACHINE" superb Assembly '95 demo!
D238 VANITY "AMAZED" stunning new demo from Vanity, all the usual effects (but more of them!). Get this! [AGA] [3 Disks]
D239 OXYGENE "CONTROL" from the G.A.S.P. party '95. [2 Disks]
D240 PARALLEX "ZIF" G.A.S.P. winner. Good. [2 Disks] [AGA] [HD]
D241 ASSEMBLY '95 INTROS collection of intros
D241 AXIS "TIME & EMOTION" music disk from Axis [WB2+]
D242 HOODLUM "WATER WHISPER" decent effects [AGA]
D243 MYSTIC "FEAR" Intel Outside demo. Good. [AGA] [2 Disks]
D246 TBL "QUE?" new - from Remedy '96 [2 Disks] [AGA] [HD] [4MB]
D247 RAZOR 1911 "FALKORV" wow! [4 Disks] [AGA] [HD] [4MB]
D248 SCOOPEX "ISO" they're back! Get it now! [2 Disks] [AGA]
D249 STELLAR "AURORA" new from Stellar! [AGA]

MISCELLANEOUS

GRAPEVINE 21 superb disk magazine from LSD [2 Disks]
DEADLOCK 9 superb disk magazine by Anathema/Narcosis
NFA WORD 5 disk magazine from NFA [AGA]
NFA WORD 6 disk magazine from NFA [AGA]
NFA WORD 7 disk magazine from NFA [AGA] [2 Disks]
NFA WORD 8 OUT NOW! Latest disk mag from NFA [AGA] [2 Disks]
NFA BODYSHOP 8 [AGA] [3 Disks]
SHERILYN FENN SLIDESHOW [AGA]
PHEOBE CATES SLIDESHOW [AGA]
ERIKA ELENAIK SLIDESHOW [AGA]
NIKI TAYLOR SLIDESHOW [2 D] [AGA]
TINY TOONS CLIPART superb hand drawn clipart
NFA BIG GIRLS II [AGA] [3 Disks]
X-FILES GUIDE guide to the TV Show
GCSE MATHS EXAM PAPERS GCSE help
TRAVEL GUIDE guide for avid world travellers [2 Disks]
UFO : FINDING THE TRUTH [2 Disks]
UFO : FINDING THE TRUTH 3 paranormal and UFO stuff
ALIENS CONFIDENTIAL 2 UFO and paranormal guide
WEATHER GUIDE [3 Disks]
LUCIFERS "UNHOLY INNOCENCE" [2 Disks]
LUCIFERS "WICKED GRIMOIRE" bizarre cult stuff
LUCIFERS "BOOK OF SHADES" [2 Disks]
MAGNETIC FICTION demo of the story collection
KIDS DISK 7 another under 5's program
SCOOPEX "ARTCORE" Doom-like gallery slideshow! [AGA]
NFA SOURCE 'N CODE 2 AMOS source 'disk' magazine
TITANIC II interactive database on the Titanic disaster [2 Disks]
HISTORY OF THE WORLD CUP all explained [3 Disks]

MAIN LIBRARY

MORE UTILITIES

U076 WB3 HD INSTALL DISK Prep, format and install WB to your Hard Drive. [WB3]
U230 TOOLS DAEMON V2.1 Adds tools to your WB Menu. [WB2+]
U239 RE-ORG v3.11 Re-organise your disks/hard disk. [WB3+]
U302 VIEWTEK v2.01 show JPEG and GIF pics with ease. [WB2+]
U317 ACTION REPLAY PRO Action Replay for the A1200 [AGA]
U318 VIDEOTRACKER DATA data files for Videotracker. [4 D]
U349 LIBRARIES + DATATYPES Do you ever need a library? Here's a collection!
U352 MAGIC WB v1.2P The lastest version of the 8-colour icon replacer. Use this with our Extras disks for superb results! [WB2+]
U359 TELETEXT v1.20 Create a teletext receiver [WB2+]
U376 POWERCACHE v37.115 Speed up your Hard Drive access with this cache program. Versions for 00, 020, 030 and 040. [WB2+]
U379 DESKTOP MAGIC v2.0 This program allows you to assign sounds to Workbench functions like mouse clicking etc. [WB2+]
U408 DISK SALV v2.31 This is the best disk/file repairer in the Public Domain. Undelete/salvage files and repair disks.
U416 AMIGA DOS GUIDE v1 Learn Amiga DOS with this program.
U426 EPU STAKKER v1.70 double your hard drive space! [WB2+]
U434 EDWORD PRO v5 Edword Pro is the most comprehensive and easy to use word processor on the PD market. [WB2+]
U440 SNOOPDOS v3 Use Snoopdos to monitor program activity. An ideal tool to find out what libraries are needed. [WB2+]
U453 MAIN ACTOR v1.55 An excellent module animation player. Buy it. [WB2+]
U454 VIDEOTRACKER 2 AGA The AGA demonaker.
U467 T. U.D. E. v1.0D The Ultimate Degrader and Enchancer can be used to degrade A1200/4000's to use WB1.3, remove fast mem etc.
U475 RELOKICK v1.4A FINAL Relokick is the most popular degrader around. Forget the fake v1.41, this is the real thing.
U479 MSDOS FOR AMIGADOS Allows you to use the MS DOS commands on your Amiga. Also use the MSDOS star ":" [WB2+]
U480 HD GAMES INSTALLER II Install Jungle Strike, Aladdin, Mortal Kombat II, Ruff 'n Tumble and about 12 more!
U487 BIRTHDATE HISTORY v2.21 Check events that happened on your birthday!
U499 M.U.I. V2.3 Create GUInterfaces. Needed for Mosaic. [WB2+]
U502 GBLANKER V3.6 020 An optimised version for 020/30/40/60 CPU's. [WB3+]
U514 DISK STICK v1.1 A disk labelling program.
U521 ADDRESS PRINT v4 Store addresses and print them to labels.
U523 DOPUS MAGIC COMPANIAN Loads of buttons, AREXX scripts for Dopus. [WB2+]
U533 CAR DATA ANALYST Monitor and fast your car's performance. First for the Amiga.
U543 TOOLS MANAGER Allows you to have a "dock" of icons on Wbench. [2 Disks] [WB2+]
U553 GFX CONVERTOR v1.7 Decent graphics convertor. Loads about 10 formats and saves GIF, ILBM, PCX, POSTSCRIPT, JPEG. [WB2+]

More utilities continued.....

U554 SOUND BOX v1.97 Coverts sound samples from IFF, RAW, WAV, MAESTRO, VOC, AIFF and MAUD to any of the supported formats. ie. load in as IFF save as WAV or load as WAV andsave as IFF. [WB2+]
U560 DELITRACKER II v2.1 A great module player. [WB2+] [2 D]
U564 EXOTIC RIPPER v3.1 module and sample ripper. [WB2+]
U576 BLITZ BLANKER V2.5 Blitz Blanker is another tool that requires the services of MUI (U499). Modularised screen blanker. [WB2+]
U588 PC-TASK V3.10 All new PC Task v3. Demo version.
U594 AMIGA FAX V1.42 Send/receive faxes on your Amiga. [WB2+]
U617 HD GAMES INSTALL 3 Over 20 games such as Super Skidmarks, Sensible World of Soccer to be installed. [WB2+]
U618 TEXTURE STUDIO v1.02 adapt those textures. [WB2+]
U619 BALLS! Superb and powerful Lottery program. [AGA]
U623 AMIGA CD-ROM GUIDE Guide to loads of Amiga CDs - Amigaguide doc. [WB2+]
U628 ICONIAN v2.91 Superb AGA Icon editor. [AGA]
U634 FRODO v1.5 The very best C64 emulator for the Amiga. Relive the old games with this. [WB2+] [020+]
U635 DOPUS UTILS 2 Loads of utils for Directory Opus 4/5. More scripts, Arexx routines etc etc [WB2+] [Dopus]
U636 TYPING DEMON Learn how to type very quickly !
U638 ESSENTIAL AMINET 7 Aminet utilities. [WB2+]
U648 HD GAMES INSTALLER 4 loads more installers for your favourite games. Obsession Pinball, Powerdrive etc [WB2+]
U649 enLOCK Lock program for a hard drive [WB2+]
U650 BOOKIE BEATER Beat the bookie at his own game! [WB2+]
U653 SKIDMARKS 2 CARS 4 cars for the AGA Skidmarks [2 D]
U656 SUPER DMS v2 A powerful interface for DMS [WB2+]
U658 DOPUS v5>>>>v5.11 UPGRADE Upgrade DOpus [WB2+]
U670 TERM v4.5 00 Term is the most comprehensive communications package in PD, rivals any commercial release. [3D]
U671 TERM v4.5 030 version for 030 processors [3D]
U672 ORGANISER BITS a collection of supplements for Digita's Organiser. Needs Digita Organiser!
U674 ZXAM SPECTRUM EMULATOR v2B NEW Spectrum Emulator. You need an AGA Amiga or 020+ processor.
U677 EASY CALC v2B superb spreadsheet program [WB2+]
U679 AREXX GUIDE v2A want to learn Arexx? [WB2+]
U680 MOSAIC v2B latest version of the Web browser. [WB2+] [TCP 4]
U682 VARK'S CLI TOOLS VOL 8 50 latest CLI tools - get this!
U683 IMAGE STUDIO v2.2 latest version [WB2+] [2D] [HD] [020+]
U684 ESSENTIAL AMINET 8 new and decent uploads here [WB2+]

MORE GAMES

GM58 BLACK DAWN II a popular 3D adventure
GM67 SCRABBLE the classic board game
GM78 STARWOIDS thrust and oids mixed [1MB] [2 DISKS]
GM93 KLONDIKE III for hard drive users [HD] [4MB+] [WB2+]
GM97 TOP HAT WILLY an Amiga "Jet Set Willy" rip-off. Addictive!
GM105 DYNAMITE WARRIORS 2 another bomb clone
GM118 CHANEQUES yes, two please!! A Lemmings type game. Direct your little men (with different skills) to the end. [2 Disks]
GM125 KELLOGS LAND WOW! The best PD platformer ever! [AGA]
GM127 ZAXXON superb! The C64 classic now comes to the Amiga!
GM131 SUPER MEGA FRUITS a good Fruit Machine game.
GM132 SAMURAI SHOWDOWN this is an amusing Street Fighter clone. Good! [AGA]
GM137 MEGABLOCK V2 the best Tetris games on the Amiga.
GM138 CYBERMAN wow! A 3D pacman clone. Very decent indeed.
GM140 INTERNAL COMBUSTION great skidmarks-esque multi-player racing game
GM141 MADHOUSE a graphical adventure game [2 DISKS]
GM147 DELUXE GALAGA v2.51 must be the best PD shoot-em-up ever made!
GM150 ROCKETZ V2.25 superb AGA only 2-player thrust/shoot-em-up game. One of the most addictive multi-player games ever! [AGA]
GM164 CYBERGAMES excellent! A street-fighter clone with gore! This is probably the best beat-em-up games in the Public Domain. [2D]
GM169 MASH Similar to Team 17's new Wormz game. A subtle cross between Lemmings and Cannon Fodder.
GM174 TANKS! excellent tank-war sim.
GM176 ALIEN GENOCIDE errr. A Operation Wolf clone? [2 DISKS]
GM178 DOOMER a good Doom clone for the Amiga [AGA] [HD]
GM180 CARNAGE blood, guts and gore and more!
GM183 PSSST AGA remember Pssst on the Speccy? Well this is the Amiga version!
GM184 SCREECH another car racing game
GM185 BOARD GAMES Cluedo is the main game here
GM187 FEARS 2 AGA wow! Much better. This is a demo of the finished commercial version! More aliens.
GM188 CARD GAMES DELUXE A program that allows you load and use your Klondike cards! Blackjack and another on here [3 Disks] [2MB]
GM191 CHILD ADVENTURE AGA not as bad as it sounds! A graphical adventure to solve the mystery to clear your name [4 Disks]
GM224 BATTLE DUEL AGA battle duel is a SUPERB multi-player artillery type game. [AGA]
GM226 GLOOM A demo version of the forthcoming Doom clone. [AGA]
GM227 WAR OF THE WORLDS 4 A virtual reality program! [AGA]
GM238 LAST LAP v1 Excellent racing game for one or two players.
GM239 ULTIMATE STAR TREK great strategy game [2 Disks]
GM242 PSYCHUEL Alien Breed style shoot em up [WB2+]
GM245 THE PYRAMID GAME A puzzle platform game. [2 Disks]

MAGIC WB EXTRAS

These contain icons, backdrops, drawers, tools manager brushes and docks and much much more!

Magic WB Extras volume 1 [2 Disks]
Magic WB Extras volume 2 [2 Disks]
Magic WB Extras volume 3 [2 Disks]
Magic WB Extras volume 4 [2 Disks]
Magic WB Extras volume 5 [2 Disks]
Magic WB Extras volume 6 [2 Disks]
Magic WB Extras volume 7 [2 Disks]
Magic WB Extras volume 8 [2 Disks]
Magic WB Extras volume 9 [2 Disks]
Magic WB Extras volume 10 [2 Disks]
Magic WB Extras volume 11 [2 Disks]
Magic WB Extras volume 12 [2 Disks]
Magic WB Extras volume 13 [2 Disks]
Magic WB Extras volume 14 [2 Disks]

Buy all 14 volumes for £25.99 or each volume at £1.98

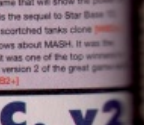
F1 SOFTWARE

F1 Software are a small innovative company, which used to be called F1 Licenceware, that are specialising in cheap, quality oriented Amiga software. Most of these products are the best in their area and offer superb value for money. All programmers receive 25% of the sale price. Coming within the next few months are more unique titles [call for more details]

AMOS Pro Compiler - Available late 1996
Relics of Deldroneye 2- late December 1996

F1-14 TOTS TIME £3.99 education programs for kids under 5
F1-31 POWERBASE v3.3 £3.99 superb database program [WB2+]
F1-33 POWER PLANNER £3.99 personal organiser [WB2+]
F1-41 GRAND PRIX MANAGER £3.99 run your own grand prix racing team. 1994 season. Recommended. [AGA]
F1-50 GUIDE TO AMOS v2 £4.99 absolute beginners guide to Amos. Superb guide to help you understand! [WB2+]
F1-56 GIDDY 2 £3.99 Sequel to Giddy.
F1-62 JUNIOR ARTIST £3.99 want to learn how to draw?
F1-67 BUBBLE TRUBBLE £4.99 decent arcade game
F1-68 AQUANAUTA £3.99 superb game. Get this!
F1-74 AMIGA ASSIST £3.99 introductory beginners guide [WB2+]
F1-76 OBSTICKLE £3.99 superb, cute platform romp! Great GFX!
F1-81 AQUAKON AGA £5.99 A little like Doom on water.
F1-83 IMAGE COMPRESSOR £3.99 for AMOS coders [WB2+]
F1-84 WORD PLUS+ PRO v1.3 £4.99 Want to know a word - get this! Used to sell for £14.95! [WB2+]
F1-86 LEGIONS OF DAWN £4.99 Sci-Fi Dungeon Master type game. Choice of several characters and loads of weapons.
F1-87 LEGIONS OF DAWN £4.99 hard drive version
F1-102 AURIGA £4.99 very decent Strider clone
F1-107 GREENIES £3.99 a 3D maze romp affair for 1/2 players
F1-108 PUSH AND PULL £3.99 clear the nasties by pushing the blocks. Superb graphics, AF said "Arcade winner", 1/2 players [WB2+]
F1-109 GUIDE TO WORKBENCH 3 VOL.3 (TOOLS) £3.99 learn more about WB3 with this volume [WB3+]
F1-110 FALLING DOWN £3.99 one of Amiga Format's recent Ami top thirteen winners - a decent strategy game [AGA]
F1-111 RETURN TO ZANTIS £3.99 another one of Amiga Format's recent AMOS winners - a link-sequel between RELICS of Deldroneye and forthcoming, long-awaited RELICS 2. Point 'n Click adventure [AGA]
F1-112 AMOSZINE 9 £5.99 latest in the AMOS disk mags. News, views, tips, tricks, source and more for the AMOS programmer. [WB2+]
F1-113 AMOS AGA EXTENSIONS £3.99 wow! It's here. The program that a recent PD library was advertising in EVERY Amiga magazine is here for £3.99. The AMOS AGA Extensions allows you to load and utilise 64 pictures within AMOS. Cut blocks, pack screens etc. [WB2+]
F1-114 AMOS DIALOGUE PROCEDURES £3.99 another decent AMOS set of extensions. Use pseudo intuition techniques. GUI interfaces, GAD Tools with ease within AMOS. [WB2+]
F1-115 BLACK DAWN 6 £4.99 the legend continues. After the 'new' version 5 we are back with another superb graphic adventure. If you are one of the previous releases do not miss this. [WB2+]
F1-115 WILLY'S WEIRDY NIGHTMARE £3.99 are you an ex-form fan? This is a superb Jet Set Willy clone with excellent GFX! [AGA]
F1-116 EPSILON 9 £3.99 this is the game that will show the power of GRAC version 2. A graphic adventure which is the sequel to Star Base 9.
F1-117 ANT WARS 2 £3.99 a decent scortched tanks clone [WB2+]
F1-118 M.A.S.H. 2 £4.99 everyone knows about MASH. It was the game rated as a Team 17 Worms clone and it was one of the top winners in Amiga Format's recent AMOS roundup. This version 2 of the great game has increased playability, graphics and more. [WB2+]

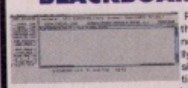
G.R.A.C. v2



Do you admire the commercial games push as Monkey Island and other adventure games and wish you could program your own version? With the Graphic Adventure Creature v2 you can easily make a point and click adventure game like Epsilon 9 or Relics of Deldroneye. This is the long awaited version 2 which contains many new features such as IFF Anim support, fast character scan and zoom, player multi-task (switch from character to character on screen), over 30 new commands, an improved script editor, 32 background objects and many more. A superb release - GRAC is F1's best ever selling title.

BRAND NEW RELEASE **£6.99**

BLACKBOARD 4



Part of the new F1 GOLD series this excellent image processor now comes with an extensive fully featured manual. The new version contains an online help routine, new file formats, new facilities, rotate pictures to any angle in 3D, new buffer routines, upto 99 pictures in RAM, new extensive preference links, thumbnail images, mash functions and new GUI frontend.

£8.99 **STAR Buy** in Amiga Shopper December '95

INTRO TO DOS 2

WOW! Version 2 of the superb guide and introduction to Workbench and Amiga DOS. Version one obtained superb grades in a number of magazines - eg 90% in AUI and 92% in Amiga Shopper. If you want to learn how to use your Amiga? This has twice as much information as the first version, with examples pictures. The easiest way to learn about DOS commands, the CLI or about Workbench. The latest version was given **90% STAR Buy** by the Amiga Shopper in November 1995. A superb product.

£6.99

MAGIC PAINT BOX

Magic Paint Box is a superb new paint program for all ages. Whilst aimed at children under 8 years of age this is suitable for parents to easily demonstrate to their children its simplicity yet powerful features. Excellent front end, 84 different painting tools and the ability to load full colour pictures direct from the program to any colour printer. Over 80 different paint functions! Comes with full reference manual. "A breath of fresh air" wrote Amiga Shopper. "for pure entertainment value, this wastes commercial packages". Shopper **96% STAR Buy** in November '95.

£6.99

zoom

NEW - UPDATED VERSION

- **New Search Routine** — the multi-tasking search/find will seek file names or number
- **New 'Hot-Keys' Function** — just press 'S' for search or 'E' for extract, 'Help" for help!
- **New Separate List Buttons** — click a button for "Utilities" or "Demos" etc etc
- **Over 200 New Disks** — 200 new disks since Zoom 1 on 1st of June 1995
- **Restyled, Remastered** — new help and information guide, restyled artwork! Superb!

Do you want the latest PD CD-Rom that contains the latest PD to November 1995? Contains the greatest and latest PD from two superb PD libraries. The interface must be the most easy to use CD interface on any CD. Coded by the author of the great Deadlock disk magazine - just point, read about the disk and click to extract. Superb and very easy to

The contents have also been updated so all the latest PD until early November and loads more as listed opposite. with an on-line help routine, multitask- routine and hotkeys function. If you the latest or greatest PD software then look here! The CD contains 1100 disks, over 640MB's of data or 1.3 GIG's of public domain.

- **Greatest & latest PD from October 94 - November 95 : Utils, games, demos, slideshows, education, disk mags and more!** - *including most of this advert and loads of great PD software*
- NEW: 100 Klondike/Card Games Deluxe Cardsets
- Ground Zero's Themed Imagine Objects
- NEW: A great selection of Active Software Pro Packs
- NEW: All the Professional Sound Samples [50 Disks]
- Over 22MB+ of read-to-view/use Magic WB icons etc

erb value CD-Rom at only £19.99 NEW!
lable to existing owners at £6.99 - call!

F1 LICENCEWARE

volume one - F1-01 to F1-100

Sick of the run-of-the-mill old PD CD releases containing collections from pre-1995?!? This CD contains the complete collection of F1 Licenceware titles from F1-001 to F1-100. Over 100 titles or more than 200 disks! This CD is worth well over £500, if the disks were bought separately. There is something for everyone on the CD - games, utilities, tools, professional clipart and music, beginners guides, educational programs and much more. Some superb material is contained within this CD-Rom: Blackboard v3 (image manipulation), Ultimate Quiz 2 (general quiz), Word Plus Pro (originally valued at £15!), Fortress (strategy God game), Relics of Deldroneye (voted best PD game ever by Amiga Format), ERIC (voted second best PD game ever), Powerbase (databse program), GRAC (superb 'Monkey Island' style adventure game creator with 000's of copies sold on floppy), Introduction to WB (best selling F1 Title), Absolute Beginners Guide to AMOS, Junior Artist (kids paint package) or Tots Time (one of many kids educational programs). Use some of the professional music within your games, with no extra charges. What about the clipart for your DTP documents? AMOS programmers have a field day with this CD - AMOSzine, guide to AMOS and AMOS supplements. Something for everyone. With a very easy to use AmigaGuide© interface with 90% of the programs running straight from the CD. Remember that the programs are commercial, with copyright owned by F1 Licenceware.

All programmers receive a royalty for every CD sold. **£32.99**

COMMERCIAL SOFTWARE - NOT PD!

THE AMINET COLLECTION

Aminet 5	Out of Stock	£------
Aminet 6	June 95	£11.99
Aminet 7	August 95	£13.99
Aminet 8	October 95	[Out Now] £12.99
Aminet 9	December 95	[Pre-Order] £11.99
Aminet 10	February 96	[Pre-Order] £11.99
Aminet 11	April 96	[Pre-Order] £11.99

AMINET SERIES BI-MONTHLY SUBSCRIPTION SERVICE
Every time an Aminet CD is released (usually bi-monthly) we will send it to you for £11.99 - pay by credit or debit card. Card debited on despatch.

AMINET COLLECTION VOL.1 £22.99
The Aminet Collection is a superb set of four CD's for any Amiga user. Contains Aminet 1-4, PD from '93 to December '94. 4 GIG's of data!

AMINET COLLECTION VOL.2 £24.99
Aminet Set 2 contains all the Aminet uploads since release 1. PD from December 1994 to November 1995. Gigabytes (four CD's) of games, utilities, demos, pictures, animations, tools, modules and more. Also contains 300 books from the Project Gutenburg CD-Rom.

AMINET SET 2 OUT NOW

NFA AGA EXPERIENCE

NFA have been serving the Amiga 'scene' recently with an amazing amount of effort. Well known in the UK for their Bodyshop series, excellent AGA-only Word disk magazine and programs such as 'Balls', 'Boomin Eck' and 'enLock' present their first CD for the Amiga. Unlike other scene releases, this contains AGA PD from the last 3 years of which 90% will run straight from the CD! Contains the best WB3+ utilities and creative software (100MB), the greatest AGA games (100MB), high quality AGA slideshows (150MB), the most outstanding AGA demos (200MB), entertaining and informative disk magazines and the best of the rest including the licenced Amiga Reports and all the Amiga 'Doom' clones. NFA have also compiled loads of exclusive wares for the CD: slideshows, Klondike cards and more. All this and contained in superb exclusive raytraced iconified drawers set within a Magic Workbench environment makes the CD an absolute pleasure to use! This CD would make a superb Xmas present for any A1200 or A4000 user with a CD-Rom. **TRADE details and prices available on request.**

£19.99

BRAND NEW RELEASE

KLONDIKE GOLD

Have you entered the race to collect Klondike cards before your friends? Even the Amiga 'scene' has gone Klondike mad! This CD should contain over 300 cards, on release, all ready-to-run and in LHA format (for BBS and HD use). Many, many exclusive cards from Scene members. Klondike III running straight from the CD and a patch to allow you to use the cards from the CD-Rom! Also includes Card Games Deluxe, Cardz and tools such as DIY Reko, REKO GIO for Photogenics, REKO datatype etc.

new release! **£9.99**

17BIT DIMENSION V

Following on from the highly successful Phase 4 CD-Rom this CD contains hundreds of megabytes of data from the 17Bit Software Amiga PD library. The 5th disc in this series contains only the very best, hand selected, software including demos, games, utilities, graphics, artwork, disk magazines, music modules and mucg more. The CD is centered around an AmigaGuide style interface which allows you to read about each disk and then un-dms the disks to floppy. You cannot un-dms to RAD: with this release.

new release! **£18.99**

SCI-FI SENSATIONS

SCI-Fi Sensations is an exiting new CD-Rom containing over 1000MB's of science fiction images, music, animations, 3D objects for Imagine and Lightwave, sound FX, documents/text, themtunes, information and SCI-FI games. Categories include Babylon 5, Startrek (the Original, TNG, Deep Space Nine, Voyager and the films), Batman, Dr. Who, Thunderbirds, Robocop, Blade runner, Aliens, 2001, Galactica, TRON, Total Recall and many other films. All the information is ready to run from the CD. Amiga, PC and MAC.

new release! **DOUBLE CD-ROM** **£18.99**

TEXTURE PORTFOLIO

Phantasmagoria are a professional company, based in Bristol, providing textures and backgrounds for video, ray-tracing etc. This CD consists of 500+ 24Bit backgrounds and textures, it includes the very high quality 24Bit JPEG files for video, graphics and multimedia work, Targa's for PC raytracing and GIF for video titling applications. No wasted space on this CD-Rom - extensive tutorials. This CD comes with a full colour multi-page reference booklet for every single texture. A complete collection for Pro's and Amateurs.

new release! **£29.99**

LIGHT ROM COLLECTION

VOLUME 3

Volume 3 contains 3 CD's containing over 4500 Lightwave objects, a showcase directory from artists across the globe, 700 textures, 3D landscapes, 1000 DEMs for Vista Pro etc, a collection of objects for Imagine, 3D Studio and Sculpt 3D. This CD is available now! 3 compact discs stuffed full with Lightwave material.

ORDER FOR ONLY £39.99

VOLUME 1 — **VOLUME 2** **£34.99**

Contains 3D objects, many images, image sequences, surface attributes, bump textures. Light Rom volumes 100% Lightwave and material with over 300MB of didn't appear on vol.1. A collection for any raytracer!

FRED FISH

has been serving the Amiga Scene inception with his excellent collections. The Fresh Fish (double CDs continue the trend. The CDs are compilation of the Fresh Fish CDs. The best Fresh! Fresh Fish 10 was October 1995.

SUBSCRIPTION SERVICE
Every time an Fred Fish CD is released (usually 6/8 months) we will send it to you for £17.99 - pay by credit or debit card. Card debited on despatch.

SUBSCRIPTION SERVICE
Subscribe to Gold Fish 3 for £22.99 (Xmas 95 release?) - pay by credit or debit card. Card debited on despatch.

CDs £19.99

ULTIMEDIA TOOLKIT II

of clipart, fonts, samples, modules and midi files. many tools and utilities to improve your multimedia All the items run straight from the CD. 5.04, the full version, is included (with Aura software files from many Octamed experts. Over of Midicraft midi files, samples and modules are professional musicians working with the to create their music). 200 MBs of Imagine and objects. If you are a Multimedia fan then you should not miss release volume 2.

£22.99

MEGA GAMES CDs

ASSINS 1 GAMERS DELIGHT POWER GAMES

Bundle containing 3 superb CD's. The Assassins 1 contains over 500 games, many ready-to-run from a superb custom interface. CD32 compatibie. Delight contains no PD games - solely Commercial Power Games contains tons of PD games, many ready from the CD.

GET 3 CDs for £29.99

FRESH FONTS

Volume 1 contains 626 MBs of fonts, Deco (71 fonts), Non-Latin (31), Pictures (17), Serif (23), Sans Serif (31), Script (27). Volume 2 contains 932 MBs of fonts. Deco (63 families), Sans Serif (29), Script (36), Thienen (19) and more!

VOLUME 1 **£4.99** — **VOLUME 2** **£16.99**

LIGHT WORKS

A superb compilation brought to you by Tobias J. Richter, reknown for his amazing spaceships of famous science fiction films. The objects are complex, highly detailed and seem very real due to the superb surface texture techniques used. Ideal for both experts and beginners.

£29.99

ADULT SENSATIONS 2

over 18 ONLY

This CD is for adults only. New material such as new images, sounds, games, mods etc. If this material offends you in any way please refrain from purchasing the CD. Proof of age (18+ only) needed when buying this CD. No proof = no CD. We do not condone or supply hard core material.

new!! **£18.99**

3D ARENA

A superb 3D CD that contains many objects for Imagine, Lightwave and Real 3D for the Amiga and PC computers. One exclusive aspect for this CD is the 24Bit Club's objects/images for Lightwave. You'll only find them on here! Also attribute files, tutorials, utilities.

£19.99

AMIGA EXPERIENCE

Contains demo and full versions of Amiga software. Includes full version of Scala v1.13, Imagine v2, Vista Pro v1, The Edge v1.72f1, X-Copy, Clarissa v1.1 and demo versions including Image FX 2, Interplay, Turbo Calc v3, InfoNEXUS v2.5. All these are ready to run from the CD-Rom.

new!! **£24.99**

TURBO CALC v2.1

A superb spreadsheet package now available on CD-Rom. Excellent formatting capabilities, more than 100 functions, macro and AREXX abilities (120 instructions), sheet size limited by memory only, import of foreign spreadsheets and a comprehensive AmigaGuide manual.

new!! **£9.99**

Available in Late January 1996 - More Info Next Month

SPECCY 2

Multi-platform CD with emulators for Amiga, Atari ST, Mac and PC. Loads of FAQs (Speccy related), games lists, wallpaper (.BMP) pictures for Windows and (.IFF) for Amiga. Over 100 different Speccy computer screens and loads of tape covers. Stuffed with over 150MB's of Spectrum games for a myriad of computers. sof .Z80 files.

new!! **£18.99**

COLOUR LIBRARY

1700 colour files with categories such as Animals, Boats, Buildings, Cars, Cartoons, Cats, Computers, Dinosaurs, Dogs, Fantasy, Fish, Flags, Inserts, Maps, Medical, Military, Misc, Painting, Photo, Planes, Planes, Sci-Fi, Sea, Space, Sport, Star Trek, Swimsuit, Trains, Wars! You asked for a colour clipart CD - here it is! Colour clipart for nearly every occasion.

new!! **£8.99**

LSD VOLUME 3

Contains hundreds of MB's of data, most of which have never before been included on a CD-Rom at the time of release! Contains software in both ready-to-run and archived formats: demos, diskmags, comms and computing, anims and pictures, music modules, original clipart, source code, games, utils, graphics, ready-to-run AGA demos, original WB backdrops and much more!

new!! **£18.99**

WORLD INFO 95

Your virtual guide around the world. Travel to places you have never seen before, get informed about your next/potential holiday. Preparing for a geography test? All the info you need is here. 194 countries, 700 cities, covering many different subjects. You need to have Mosaic setup to run the CD. 256 colour Workbench is also recommended.

new!! **£34.99**

C64 SENSATIONS

This CD gives you almost 10000 C64 megademos and over 600MB of software. Mega demos, games, utilities for the Amiga and PC computers. Latest versions of emulators for both machines (the commercial version of A64 v3 for the Amiga). C64 experts have searched high and low through C64 archives to put together a superb collection for Amiga and PC.

new!! **£18.99**

ASSASSINS 2

Following on from the tradition of the first CD this contains loads of new public domain games from 1994 and 1995. Entire Assassins collection upto 250, 60 utility disks and loads more games runnable from a superb custom written interface. Parnet and sernet provided for connection to host computers.

new!! **£18.99**

AMOS vol.2

This is an update to the first AMOS CD - the official library disks upto 638, general Amos PD over 200 disks. Also includes, ready to run, 1600 source files, 100 sprite banks, 260 Ctest banks, 800 samples, music banks, several Amos and Amos Pro extensions.

£18.99

SOUND WORKSHOP

Over 1 Gigabytes of data on this double CD. Includes MIDI files in various formats (MDI, MIM), hundreds of MB's of music to listen to or change/edit for your own applications. Over 5000 modules, 1000 VOC files, 1000 WAV files, 1000 samples.

£18.99

WS CLIPART

Must be nearly third in the most popular CD ever produced. Contains megabytes of B/W IFF bitmaps, colour IFF, proclips, EPS, Pagesetter, Pgs, IMG, Corel Draw and coloured brushes for Deluxe Paint. Bargain! This CD-Rom is suitable for Amiga, PC and MAC computers.

£7.99

GIGA GRAPHICS

Giga Graphics is the ULTIMATE collection of graphics for the AGA Amiga. Over 10,000 images on this quad-pack CD. All images are in 24 Bit and HAM 8. Superb price for 4 CD's! Suitable for all AGA Amiga owners. Want a picture of a landscape? What about a animal? This is the place!

£34.99

WS CLIPART

Must be nearly third in the most popular CD ever produced. Contains megabytes of B/W IFF bitmaps, colour IFF, proclips, EPS, Pagesetter, Pgs, IMG, Corel Draw and coloured brushes for Deluxe Paint. Bargain! This CD-Rom is suitable for Amiga, PC and MAC computers.

£7.99

HOTTEST 4

This is a PD Soft collection of their PD library during 1995. Games, demos, utilities, animations, slideshows, diskmags, pictures, samples, music modules and much more. Limited stocks left so get this CD at this low price NOW!!

BARGAIN!

£7.99

CD BOOT v2

This allows you to use any CD32 game on your A1200 or A4000. You can create a config file for every game. Comes with a complete English based manual and can run around 98% of CD32 games.

£24.99

SOUNDS TERRIFIC

This CD contains over 1.2 Gigs of sound and music data. It will form part of any professional musicians library or amateurs collection. 4,600 modules, 14,000 samples, 568 Sonix scores, 4500 instruments, 302 octamed modules and more!

£17.99

GFX SENSATIONS

A collection of the best graphics tools, 24Bit images, animations and a huge collection for Imagine and Lightwave users: Anatomy, animals, aviation, bathroom, botany, buildings, clocks, computers, food, kitchens, lamps, ships, space, sports and much more!

£16.99

MEETING PEARLS 3

Contains 10MB of packing tools, 21MB of network tools, 29MB of development tools, 35MB of graphics programs, 13MB of AmiTCP data, 60MB of CD-Rom databases, 96MB pasTEX, 30MB of HTML data etc. A very easy to use CD along with a special edition version of CD-Write to edit your CD!

new!! **£8.99**

TEN ON TEN PACK

An Almathera collection, reviewed in this months magazine consisting of ten CDs. They are: Team Yankee, Pandora's CD, World Vista Atlas, Illustrated Shakespeare, CDPD1, CDPD2, Demo 1, Comms and Networking, Fonts & Clipart and Photo Library CD.

£35.99

UTILITIES 1-1500

The utilities 1-1500 CD contains the very best utilities and tools from PD Soft's library (mainly during 1994). Education, business, sound utilities, hobbies, emulators, programming, printer tools, virus killers and much more!

BARGAIN!

£7.99

MEETING PEARLS 2

Carrying on the excellent tradition of this CD is run from HMTL "internet" style pages. More utilities, games, tools, music and Midi, FAQ's, PasTEX files and MB's of other data. This CD is similar to the Aminet series except it could be classed as more technical.

£8.99

WS FONTS

Another popular Wierd Science compact disc. This CD contains 2000+ Adobe and CG fonts, some PS fonts, 500+ bitmap, 190 coloured, 240 IFF, 139 Pgs, 24 Prodraw, 500 Truetype, 132 PCX, 300 GDOS and more!

£7.99

WS ANIMATIONS

A double CD animation extravaganza!

All the animations are ready to run from the CD, through an Amiga Guide file system. Some stunningly large animations, some over 5MB in size. Suitable for both the Amiga and PC.

£17.99

Premier Mail Order

Please Send Cheques/PO's (made out to Premier Mail Order) or Access/Visa/(Switch + Issue No) & Expiry Date to:
Dept: CU01 9-10 THE CAPRICORN CENTRE, CRANES FARM ROAD, BASILDON, ESSEX SS14 3JJ.
Telephone orders: 01268-271172 Fax your order on: 01268-271173 Mon-Fri 9am-7pm Sat&Sun 10am-4pm.
P&P and VAT included for all UK orders. Please add per item £2 P&P for Europe and £3.50 for the rest of the world. Next day service available UK only At £4.00 per item
Please note: Some titles may not be released at the time of going to press. Most titles are despatched same day, but can take up to 28 days. E&OE

	500	1200	CD
688 Attack Sub	10.99	----	----
A10 Tank Killer	12.99	----	----
A320 Approach Trainer	26.99	----	----
Acid Attack Compilation - *Guardian,Roadkill, Super Skidmarks*	----	19.99	19.99
ACID BLITZ COMPILER	29.99	----	----
Addams Family	8.99	----	----
Adventures of Robin Hood	12.99	----	----
Air Bucks 1.2	12.99	12.99	----
Akira	18.99	----	19.99
Aladdin	----	19.99	----
ALIEN BREED 3D	----	22.99	22.99
Alien Olympics	19.99	----	19.99
All Terrain Racer	17.99	19.99	19.99
Amazon Queen	19.99	----	----
Andre Agassi Tennis	19.99	19.99	19.99
Another World	12.99	----	----
Apidya	8.99	----	----
Arabian Knights	8.99	9.99	12.99
Arcade Pool	8.99	----	12.99
Archer Macleans Pool	10.99	----	----
Atrophy	----	19.99	19.99
Award Winners 2	19.99	----	----
B 17 Flying Fortress	12.99	----	----
Baldie	19.99	19.99	19.99
Banshee	19.99	----	19.99
Base Jumpers	17.99	----	13.99
Battlechess	----	----	19.99
Battle Isle '93	17.99	----	----
Battlehawks 1942	12.99	----	----
Behind The Iron Gate	16.99	----	----
Beneath A Steel Sky	20.99	----	19.99
Benefactor	17.99	----	17.99
Big Sea	19.99	----	----
Birds of Prey	19.99	----	----
Black Crypt	10.99	----	----
Blastar	17.99	----	----
Bloodnet .....A500+	19.99	26.99	----
Blitz Bombers	----	19.99	19.99
Blitz Tennis	19.99	----	----
Blue Angels	8.99	----	----
Body Blows Galactic	----	19.99	----
Bravo Romeo Delta	8.99	----	----
Breach 3	22.99	----	----
Brian The Lion	19.99	17.99	17.99
Brutal Paws of Fury	19.99	19.99	19.99
Brutal Football	----	13.99	19.99
Bubba n Stix & Fremier	----	----	13.99
Bubble Bobble	6.99	----	----
Bubble & Squeak	17.99	19.99	19.99
Budokan	10.99	----	----
Bureau 13	----	19.99	----
BURNTIME	17.99	17.99	----
Campaign 2	12.99	----	----
Cabal	6.99	----	----
Cadaver/Pay Off	12.99	----	----
Cannon Fodder 2	19.99	----	----
CANNON FODDER	12.99	----	19.99
Cardiaxx	8.99	----	----
Carrier Command	4.99	----	----
Caesar Deluxe	12.99	----	----
Champions of Sport	13.99	----	----
CHAMP MANAGER 2	19.99	----	----
Champ Manager End Of Season	11.99	----	----
Championship Manager Italia 95	16.99	----	----
Championship Manager Compendium	17.99	----	----
Chuck Rock 1 & 2	----	----	13.99
Civilisation	12.99	12.99	----
Classic Board Games	8.99	----	----
CLASSIC COLL - DELPHINE	16.99	----	----
CLASSIC COLL - LUCAS ARTS	19.99	----	----
Club Football	9.99	9.99	----
COALA	----	19.99	----
Cohort	19.99	----	----
Colonels Bequest	10.99	----	----
COLONISATION	22.99	----	----
Combat Classics 1	19.99	----	----
Combat Classics 2	19.99	----	----
Combat Classics 3	22.99	----	----
Complete Chess	22.99	----	----
Core A1200 Bundle - *Skeleton Krew, Banshee, Heimdall 2*	----	19.99	----
Core CD32 Bundle 1 - *Banshee,Heimdall 2, Universe, Skeleton Krew*	----	----	22.99
Core CD32 Bundle 2 - *Bubba n Stix, Premier, Chuck Rock 1+2*	----	----	16.99
Cosmic Spacehead	17.99	----	----
Covergirl Poker	12.99	----	----
Craft for AMOS	17.99	----	----
Crash Dummies	17.99	----	----
Cruise For A Corpse	12.99	----	----
Curse of Enchantia	12.99	----	----
Cybercon 3	10.99	----	----
Cyberspace	22.99	----	----
D Generation	12.99	----	17.99
D Thompson's Olympic Chall	6.99	----	----
Dark Seed	12.99	----	19.99
Dawn Patrol	22.99	22.99	----
Deluxe Paint V	59.99	----	----
Detroit	22.99	22.99	----
Demomaniac	17.99	----	----
Desert Strike	12.99	----	----
Disposable Hero	7.99	----	----
Dizzy the Big 6	----	----	12.99
Dogfight	12.99	----	----
Dragonstone	19.99	19.99	22.99
Dreamweb	22.99	22.99	----
DUNE 1 OR 2	12.99	----	----
DUNGEON MASTER 2	----	22.99	----
Elfmania	17.99	----	----
Elite +	12.99	----	----
Elite 2 - Frontier	19.99	----	19.99
ELITE 3 - 1ST ENCOUNTERS	----	19.99	19.99
Embryo	17.99	----	17.99
Emerald Mines	----	----	12.99
Empire Soccer '94	19.99	----	----
Epic	12.99	----	----
European Champions	10.99	----	----
Evasive Action	19.99	----	19.99
Excellent Games Compilation	22.99	----	----
EXILE	9.99	19.99	19.99
Exterminator	17.99	----	----
Extractors	----	----	19.99
Extreme Racing	----	19.99	19.99
Eye Of The Beholder 1 or 2	12.99	----	----
FORMULA ONE GRAND PRIX	12.99	----	----
F1 WORLD CHAMP EDITION .A500+	19.99	----	----
F15 Strike Eagle 2	12.99	----	----
F17 Challenge	10.99	----	----
F19 Stealth Fighter	11.99	----	----
F117A Stealthfighter	12.99	----	----
F29	10.99	----	----
Fantasy Manager	8.99	----	----
FEARS	----	19.99	19.99
Fields Of Glory	12.99	12.99	22.99
FIFA Soccer	19.99	----	----
Final Over	10.99	----	12.99
Fire Force	----	----	19.99
Flashback	12.99	----	----
F Sim 2 Japan Scenery	13.99	----	----
F Sim 2 Hawaiian Scenery	13.99	----	----
Football Glory	8.99	17.99	----
Football Glory Indoors	17.99	17.99	----
FOOTBALL STATISTICIAN PRO	26.99	----	----
Future Wars	10.99	----	----
Gamer Gold Collection - *Bump N Burn + Jetstrike + Nick Faldos Golf*	----	----	19.99
Global Effect	----	----	8.99
GLOOM	----	19.99	19.99
Gloom Data Disk	----	12.99	----
Gloom 2	----	----	19.99
Gloom Deluxe	19.99	----	----
G Gooch-Second Innings	11.99	----	----
G Gooch-Test Match Special	19.99	----	----
G GOOCH-W/CLASS CRICKET	9.99	----	----
G Gooch - 94/95 Data Disk	4.99	----	----
G Gooch - Battle for the Ashes	4.99	----	----
G Taylors Soccer Challenge	8.99	----	----
GROLIERS ENCYCLOPEDIA	----	----	22.99
Grand Prix Circuit	8.99	----	----
Guardian	----	9.99	9.99
Guiness Disc of Records	----	----	16.99
Gunboat	10.99	----	----
Gunship	8.99	----	----
GUNSHIP 2000	12.99	24.99	22.99
Hanna Barbera Animation	29.99	----	----
Hardball	8.99	----	----
Hard Drivin II	12.99	----	----
Hard Nova	8.99	----	----
Head over Heels	6.99	----	----
Heart of China	12.99	----	----
Heimdall	8.99	----	----
Heimdall 2	22.99	22.99	22.99
High Seas Trader	----	22.99	----
History Line 1914-18	22.99	----	----
Hits for Six - Vol 1 - *Chicago 90 + ... F19 a Titus the Fox + Star Goose + ... Grand Prix Master*	9.99	----	----
Hits for Six - Vol 2 - *F15 2 + Hardball Blues Brothers + Hammer Boy + Eye of Horus + Highway Patrol 2 + Hotshot.*	9.99	----	----
Hits for Six - Vol 3 - *Crazy Cars 3 +.. Gunship + Mega Phoenix + Airball.. + Archpelegos + Star Ray*	9.99	----	----
Hits for Six - Vol 6 - *Silent Service 2 + 3D World Tennis + World Cricket +.. G Sooness Soccer + Stormlord..*	9.99	----	----
Hits for Six - Vol 7 - *Special Forces + 3D World Boxing + Blade Warrior + Windsurf Willy + Fabulous ...*	9.99	----	----
Hits for Six - Vol 8 - *Railroad Tycoon + Int Tennis + WC Football Manager + Netherworld + Big Game Fishing ...*	9.99	----	----
Hook	19.99	----	----
Hoyles Book of Games 1 or 2 or 3	10.99	----	----
Hudson Hawk	6.99	----	----
Humans 1& 2	----	----	19.99
Immortal	10.99	----	----
Impossible Mission 2025	22.99	24.99	22.99
Indy Jones - Atlantis Adv	12.99	----	----
Indianapolis 500	10.99	----	----
Insight Dinosaurs	----	----	14.99
Intelligent Strategy Games	19.99	----	----
International One Day Cricket	9.99	----	----
IntOS -AMOS	16.99	----	----
ITS Cricket	18.99	----	----
Ivanhoe	6.99	----	----
James Pond 3	----	----	8.99
J Nicklaus Greatest 18	6.99	----	----
Jaguar XJ220	8.99	----	----
Jetstrike	19.99	19.99	19.99
Jimmy White's Snooker	12.99	----	----
John Madden Football	10.99	----	----
Jungle Strike	17.99	17.99	17.99
KGB	12.99	----	----
Kick Off 3 European Challenge	16.99	19.99	----
Kid Chaos	17.99	19.99	19.99
Kingpin	10.99	12.99	12.99
Kings Quest 1, 2, 3, 4 or 5	12.99	----	----
Kings Quest 6	22.99	----	----
Knights Of The Sky	10.99	----	----
Last Ninja 2	6.99	----	----
Leading Lap	19.99	19.99	----
Legends of Valour	12.99	----	----
Leisure Suit Larry 1 or 2 or 3	12.99	----	----
Lemmings 1	----	----	19.99
LEMMINGS 3	19.99	19.99	----
Lethal Weapon	8.99	----	----
Links Challenge	12.99	----	----
Lion King	----	19.99	----
Lombard RAC Rally	6.99	----	----
Loom	12.99	----	----
Lords of the Realm	22.99	22.99	----
Lotus Trilogy	----	----	9.99
Lure Of The Temptress	12.99	----	----
M1 Tank Platoon	12.99	----	----
Manhunter "New York"	12.99	----	----
Manhunter "San Francisco"	12.99	----	----
Man Utd - The Double	19.99	----	----
Marvens Marvellous Adv	----	19.99	19.99
Master Axe	19.99	19.99	19.99
Match Day Manager	16.99	19.99	----
Mean 18	8.99	----	----
Megarace	----	----	22.99
Megatraveller 1 or 2	12.99	----	----
Messengers Of Doom	12.99	----	----
MICROPROSE GOLF	12.99	----	----
Microlight Warriors	----	19.99	19.99
Micro Machines	17.99	----	----
Midwinter	17.99	----	----
Midwinter 2	12.99	----	----
MIG 29 Fulcrum	10.99	----	----
Mighty Max	17.99	19.99	----
Military Masterpieces	19.99	----	----
Mini Office	35.99	----	----
MONKEY ISLAND 1 OR 2	12.99	----	----
Moonbase	34.99	----	----
Morph	17.99	19.99	8.99
Mortal Kombat 1 or 2	19.99	----	----
Mr. Blobby	13.99	----	13.99
Mr. Nutz	17.99	----	----
Music X 2.0	27.99	----	----
Mutant League Hockey	12.99	17.99	----
Napoleonics	12.99	----	----
Navy Moves	6.99	----	----
New Zealand Story	6.99	----	----
Nigel Mansells W/Champ	8.99	----	19.99
Nightbreed	12.99	----	----
Night Shift	10.99	----	----
Odyssey	17.99	----	----
One Day Cricket	8.99	----	----
ON THE BALL-WORLD CUP EDITION	9.99	9.99	----
On The Ball-League Edition	19.99	22.99	----
Operation Harrier	8.99	----	----
Operation Stealth	11.99	----	----
Oriental Games	8.99	----	----
Outrun Europa	8.99	----	----
Overdrive	8.99	----	----
Overlord	22.99	----	----
Pang	6.99	----	----
Patrician	12.99	----	----
Parasol Stars	8.99	----	----
PEN PAL(WORDPROCESSOR)	24.99	----	----
PGA European Tour	17.99	17.99	17.99
PGA Tour Golf	17.99	----	----
Pictionary	6.99	----	----
Pinball Dreams & Fantasies	22.99	----	----
Pinball Fantasies	----	19.99	24.99
Pinball Illusions	----	19.99	19.99
PINBALL MANIA	----	19.99	----
Pinball Magic	6.99	----	----
Pirates	10.99	----	----
Pirates Gold	----	----	22.99
Player Manager	17.99	17.99	19.99
Pitfighter	6.99	----	----
Player Manager 2	13.99	----	----
PLAYER MANAGER 2 EXTRA	----	13.99	----
Pole Position	19.99	19.99	----
Police Quest 1 or 2 or 3	12.99	----	----
Populous & Promised Lands	12.99	----	----
Populous 2	12.99	----	----
POWERBASE V3.5 .....(DATABASE)	19.99	19.99	19.99
Powerdrive	19.99	19.99	19.99
Powerhouse	22.99	22.99	----
Powermonger & D/Disk	12.99	----	----
Predator	6.99	----	----
Premiere	----	----	12.99
PREMIER MANAGER 3	12.99	17.99	----
Prem Man Multi Edit Sys	10.99	----	----
Prime Mover	17.99	----	----
PRIMAL RAGE	19.99	----	----
Prince Of Persia	6.99	----	----
Project X	10.99	----	----
Pro Tennis Tour	6.99	----	----
Pushover	8.99	----	----
Pussies Galore	----	16.99	16.99
Putty	8.99	----	----
Putty Squad	----	19.99	19.99
Puzznic	8.99	----	----
Qwak	9.99	----	----
Quest For Glory 1 or 2	12.99	----	----
Railroad Tycoon	12.99	----	----
Rainbow Islands	6.99	----	----
Rambo 3	6.99	----	----
RBI Baseball 2	6.99	----	----
Reach For The Skies	12.99	----	----
Realms	10.99	----	----
Red Baron	12.99	----	----
Red Heat	6.99	----	----
Rise Of The Robots	9.99	27.99	22.99
Risky Woods	10.99	----	----
Roadkill	----	9.99	9.99
Road Rash	10.99	----	----
Robocop 2	6.99	----	----
Robocop 3	10.99	----	----
Robinson's Requiem.....(A500+)	22.99	22.99	22.99
Rome AD92	12.99	----	----
Rugby League Coach	19.99	----	----
Rules Of Engagement 2	22.99	----	----
Ruff n Tumble	17.99	----	----
Ruffian	13.99	----	----
Run the Gauntlet	6.99	----	----
Sabre Team (Enhanced)	----	20.99	20.99
SCI (Chase HQ 2)	6.99	----	----
SENSIBLE GOLF	19.99	----	----
SENSIBLE WORLD OF SOCCER	19.99	----	----
Sensible Soccer International	13.99	----	----
Settlers	19.99	----	----
Shadow Warriors	6.99	----	----
Shadowlands	8.99	----	----
Shaq Fu	17.99	----	----
Shuttle - S/Flight Sim	12.99	----	----
Sierra Soccer	16.99	----	----
Silent Service 2	12.99	----	----
Sim City 2000	----	26.99	----
Sim Life	10.99	22.99	----
Simpsons	8.99	----	----
Sink or Swim	8.99	8.99	----
Skeleton Krew	----	22.99	22.99
Skidmarks	12.99	----	----
SKIDMARKS 2	19.99	----	19.99
Skitchin	17.99	17.99	17.99
Sleepwalker	8.99	8.99	19.99
Sly Spy	6.99	----	----
Soccer Kid	9.99	9.99	19.99
Soccer Team Manager	10.99	----	----
Space Academy	17.99	----	17.99
Space Quest 1 or 2 or 3 or 4	12.99	----	----
Speedball 2	8.99	----	12.99
Speris Legacy	19.99	----	19.99
Spherical Worlds	17.99	----	17.99
Sports Challenge	12.99	----	----
Stardust Special Edition	9.99	----	----
Star Crusader	19.99	19.99	----
Street Fighter 2	12.99	----	----
Strike Fleet	10.99	----	----
STRIP POT	----	----	9.99
Stun Runner	6.99	----	----
Stunt Car Racer	6.99	----	----
Subversion	8.99	----	----
SUBWAR 2050	----	12.99	22.99
Super Hang On	6.99	----	----
Super Space Invaders	8.99	----	----
Super League Manager	19.99	19.99	19.99
Super Methane Brothers	8.99	----	8.99
Super Stardust	----	19.99	19.99
Super Streetfighter 2	20.99	20.99	20.99
Superfrog	----	12.99	----
Superskidmarks	19.99	----	19.99
Supremacy	10.99	----	----
Syndicate	12.99	----	22.99
Tactical Manager - English or Scots	19.99	----	----
TACTICAL MANAGER 2	19.99	----	----
Team Yankee	12.99	----	----
Test Drive 2	6.99	----	----
Test Match Cricket	7.99	----	----
Terminator 2	6.99	----	----
Tetris	16.99	----	----
The Big 6 - Dizzy	----	----	12.99
The Blue & The Grey	22.99	----	----
The Clue	----	19.99	19.99
The Games	10.99	----	----
The Greatest - Compilation	21.99	----	----
The Publisher	22.99	----	----
Their Finest Hour	12.99	----	----
Their Finest Missions	9.99	----	----
THEME PARK	22.99	22.99	22.99
Tiny Troops	22.99	----	19.99
Toki	8.99	----	----
Top Gear 2	17.99	17.99	19.99
TOTAL FOOTBALL	22.99	----	----
Total Recall	6.99	----	----
TOURING CAR CHALLENGE	16.99	----	----
Tower Assault	19.99	13.99	19.99
Tower of Souls	19.99	19.99	----
Traps & Treasures	17.99	----	17.99
Treble Champions 2	7.99	----	----
Triple Action - Vol 6 - *Super Tetris + Airball + Time Bandit*	9.99	----	----
Trivial Pursuit	6.99	----	----
Turbo Trax	19.99	----	----
Turning Points	12.99	----	----
U.F.O	12.99	12.99	22.99
Ultimate Body Blows	----	----	19.99
Ultimate Golf	8.99	----	----
Ultimate Soccer Manager	19.99	19.99	----
Uncovered	17.99	----	----
Universe	22.99	----	22.99
Untouchables	6.99	----	----
Valhalla - Before the War	22.99	----	----
Valhalla - Lord Of Infinity	19.99	----	----
Vinci	17.99	17.99	----
VIRTUAL KARTING	----	19.99	----
Vital Light	19.99	----	19.99
Wheel Spin	----	----	19.99
Wild Cup Soccer	17.99	17.99	8.99
Wing Commander	12.99	----	----
Winter Gold	12.99	----	----
Wizkid	10.99	----	----
World Class Leaderboard	10.99	----	----
World Cup Golf	----	----	29.99
World Cup USA '94	17.99	----	----
WORLD CUP YEAR '94	19.99	----	----
World of Football	19.99	----	----
World of Golf	17.99	----	----
World of Soccer	7.99	----	----
Worlds at War	6.99	----	----
Worlds of Legend	12.99	----	----
WORLD CUP GOLF	----	----	19.99
Worms	19.99	----	19.99
Wreckers	19.99	----	----
WWF 1 or 2	8.99	----	----
X-IT - Zonked	16.99	----	----
Z-Out	6.99	----	----
Zee Wolf	19.99	----	----
ZEE WOLF 2 - WILD FIRE	25.99	----	----

SPECIAL OFFERS

Alfred Chicken	----	----	12.99
Battletoads	----	----	12.99
Beavers	----	----	12.99
Body Blows	12.99	12.99	----
Chaos Engine	9.99	----	12.99
Clockwiser	----	----	12.99
Cool World	8.99	----	----
Dennis	----	----	12.99
Disposable Hero	7.99	----	----
Fly Harder	----	----	12.99
Garden Fax - Fruits + Veg	----	----	12.99
Garden Fax - Garden Plants	----	----	12.99
Garden Fax - Indoor Plants	----	----	12.99
Garden Fax - Trees + Shrubs	----	----	12.99
Humans 1+2	----	----	12.99
Jack Nicklaus Unlimited	12.99	----	----
J Nicklaus Designer Clip Art	7.99	----	----
James Pond 2 RoboCod	----	----	12.99
K240	7.99	----	----
Last Ninja 3	----	----	9.99
Mean Arenas	----	----	12.99
MICROPROSE GOLF	12.99	----	----
Myth	----	----	12.99
Naughty Ones	----	----	12.99
Out To Lunch	----	----	12.99
Powergames	----	----	12.99
Sabre Team	----	----	12.99
Sensible Soccer 92/93	12.99	----	----
Sensible Soccer International	----	----	12.99
Shadowfighter	9.99	9.99	9.99
SIMON THE SORCEROR 1	12.99	12.99	12.99
Syndicate	12.99	----	22.99
Tornado	9.99	9.99	----
Total Carnage	----	----	12.99
Vikings	8.99	----	----
WEMBLEY INTERNATIONAL SOCCER	----	7.99	7.99
Wembley Rugby League	7.99	----	----
World Class Rugby 95	9.99	----	----
Zool	8.99	----	8.99
Zool 2	8.99	----	8.99

EDUCATIONAL

	500	1200	CD
10/10 Dinosaurs (All Ages)	18.99	----	----
10/10 Driving Test (Learners)	18.99	----	----
10/10 Early Essentials (3-7)	18.99	----	----
10/10 English (8-16)	18.99	----	----
10/10 Essential Maths (5-12)	18.99	----	----
10/10 Germany (8-16)	18.99	----	----
10/10 French (8-16)	18.99	----	----
10/10 Junior Essentials (5-11)	18.99	----	----
10/10 Maths Algebra (6-16)	18.99	----	----
10/10 Maths Numbers (6-16)	18.99	----	----
10/10 Maths Statistics (6-16)	18.99	----	----
10/10 Structured Spelling (-9)	18.99	----	----
ADI GCSE Maths/English/French	22.99	----	----
ADI Junior Counting (4-5) or (6-7)	13.99	----	----
ADI Junior Reading (4-5) or (6-7)	13.99	----	----
Better Spelling (8-10)	13.99	----	----
Better Maths (12-16)	13.99	----	----
Cave Maze (8-12)	10.99	----	----
Fraction Goblins (8-13)	10.99	----	----
F School Maths (7-11)	17.99	----	----
F School Paint & Create (5+)	17.99	----	----
F School Spelling Fair (7-13)	17.99	----	----
Grolier Encyclopedia	----	----	22.99
Hutchinson Encyclopedia	----	----	12.99
INSIGHT DINOSAURS	----	----	14.99
Junior Typist (5-10)	10.99	----	----
Kid Pix	10.99	----	----
Magic Maths (4-5)	13.99	----	----
Maths Dragons (6-13)	10.99	----	----
Maths Mania (8-12)	13.99	----	----
Mix and Match (3-5)	10.99	----	----
Noddy's P/Time or Big Adv (3+)	16.99	----	----
Picture Fractions (7-10)	10.99	----	----
Reasoning With Trolls (5-12)	10.99	----	----
Tidy The House (6-10)	10.99	----	----

JUNIOR ADVENTURES

Robin Hood (8+)	13.99	----	----
Scrooge + Xmas Carol (8+)	13.99	----	----
The Three Bears (5-10)	13.99	----	----
Wind In The Willows (6+)	13.99	----	----
Wizard Of Oz	13.99	----	----

JOYSTICKS & ACCESSORIES

AAR = ANALOG ADAPTER REQUIRED

10 Capacity 3.5" Disk Box	1.99
50 Capacity 3.5" Disk Box	5.99
100 Capacity 3.5" Disk Box	7.99
4 Player Joystick Adapter	4.99
Analog Joystick Adaptor	4.99
Automatic Joystick/Mouse Splitter	14.99
CH FLIGHTSTICK (ANALOG) (AAR)	29.99
Cheetah 125+	7.99
Cheetah Bug	11.99
Competition Pro Joypad for CD32	13.99
External 880K Floppy Drive	59.99
Freewheel Steering Wheel	24.99
Gravis Analog Joystick (AAR)	29.99
GRAVIS ANALOG PRO JOYSTICK (AAR)	54.99
Gravis Adv Switch Joystick	22.99
Gravis Gamepad	15.99
Internal 880K Floppy Drive A500	47.99
INTERNAL 880K FLOPPY DRIVE A600/A1200	49.99
Mouse	10.99
Mousehouse	1.99
Mousemat	1.99
Joystick/Mouse Extension Cable	6.99
Joystick Y Splitter	4.99
Logic 3 Delta Ray Autofire JY156	10.99
Logic 3 Quattro GT Autofire JT155	10.99
Logic 3 Quattro JT154	8.99
POWER SUPPLY UNIT	39.99
Quickjoy Hyperpad	8.99
Quickjoy Pedals	13.99
Quickjoy II Turbo	10.99
Saitek Megagrip 2 Autofire MX220	10.99
Saitek Megagrip 7-MX732 (Analog) (AAR)	13.99
Screenbeat 3 Speakers SB203	12.99
Screenbeat 4 Speakers SB204	11.99
Screenbeat 5 Speakers SB205	11.99
Screenbeat Pro 50 Speakers SB250	32.99
Screenbeat RCA Adapter Cable	1.99
Screenbeat Power Supply	7.99
Suncom Analog Edge II (Analog) (AAR)	14.99
Suncom Flight Max (Analog) (AAR)	27.99
Suncom FX2000 (Left & Right Handed) (AAR)	17.99
Suncom Slik Stick	5.99
Suncom Tac 2	7.99
SX-1 CD32	189.99
Wico Q Stick	4.99

3.5" Blank Discs

	TDK		Precision		Unbranded	
	Low	High	Low	High	Low	High
10	5.99	6.99	3.99	5.99	3.50	4.99
20	11.50	13.50	7.50	11.50	6.50	9.50
50	27.50	32.50	17.50	27.50	16.25	22.50
100	52.50	62.50	32.50	52.50	29.99	42.50

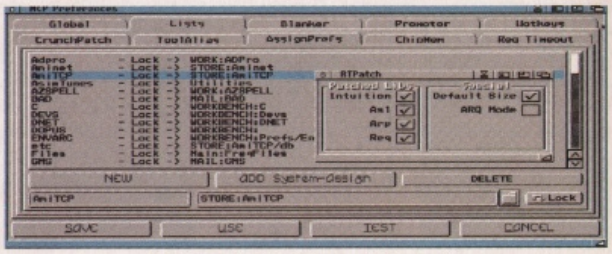
RECYCLED DS/DD Low Density
10 @ 2.99 20 @ 5.50 50 @ 12.50 100 @ 22.50

PD & Shareware

PD Utilities

Win at the dogs, update your icons and increase your Amiga's efficiency with this month's selection of PD utilities. Mat Bettinson is your guide to this month's plethora of goodies.

MCP 1.05
Multi-Purpose Utility



I've yet to see a more comprehensive ultility. MCP or *Master Control Program* does the job of a load of lesser programs all cluttering up the WBStartup drawer on my machine.

There is so much that this program can do: screen blanking/dimming, crunch patching (so that any selected tasks can load crunched data directly), hotkeys, tool alias, assign preferences (throw away AssignsManager), requester timeouts (worth it alone!), promoting screens, floppy no-click, wild star, reqtools patch (throw away ReqPatch), alert/guru patching and history, cache font, move solid windows (ala Opaque Windows), solid window sizing, cache fonts are just a few examples, there's a load more that I don't have the space to mention.

Although quite a lot of the above features can be carried out by other programs *MCP* also has a great many features I've never seen before. For example, redirecting icon default tools to your own programs is excellent! No more strange viewers and every default tool with #?more#? in it will then go through your own text viewer. *MCP* may be a little heavy on memory if you don't want all these things and it does need MUI for the amazing preferences program. However, if you, like me, run a load of utilities to enhance your Amiga anyway, you simply can't do without *MCP*.

Available from: Kew II, PO Box 672, South Croydon, Surrey CR2 9YS. Tel: 0181 657 1617 Price: £1.00 plus 50p P+P. Aminet: util/wb/ MCP105r.lha

95%

MagiC64 1.1
commodore 64 emulator

Being a great fan of the old 8-bit classic C64, I've always been disappointed that the Amiga never had a really good C64 emulator – doubly so since the PC does. Christian Bauer's *Frodo* turned up and proved to be faithful but amazingly slow even on the most powerful Amiga. *MagiC64* is the latest addition to the genre and is about as faithful as *Frodo* but with considerably more speed and support for the t64 and d64 archives commonly used on the various PC emulators. Perhaps most importantly, it also comes with emulation of the ROMs which means you don't need an (illegal) copy of the C64's ROMs to get going.

On accelerated machines, *MagiC64* can just about play a game at full speed with all the usual effects, by displaying one frame in three. It's a little jerky but at least it can do it. Unfortunately, it needs registering to gain sound support and the ability to save the preferences. Still, at US$25 it isn't going to break the bank for a working C64 now, is it? If you're a C64 fan, *MagiC64* is definitely worth getting. I'm not happy about the cracked *Uridium* included in the archive though. If you want to stay on the right side of the law use your own old games.

Available from: SeaSoft, Unit 3, Martello enterprise centre, Courtwick Lane, Littlehampton, West Sussex BN17 7PA. Tel: 01903 850378 Price: 80p plus 50p P+P. Aminet: misc/emu/ Magic64.lha.

90%

Pro Greyhounds 1.1
racing predictor

Everyone wants to be winner, and software like this claims to be able to boost one's chances of coming up trumps. It's been written specifically for those who like a flutter on the dogs. Using information from past races (which has to be entered by the user) it does its best to predict the outcome of future races. The interface is very friendly and there's on-line help to get you through any tricky questions. A free version of the program can be obtained by sending a blank disk to the address below. If you like it you can then send off for the registered version.

Available from: Ali Prior, 10 Lovel Park Heights, Leeds LS7 1DP. Send an SAE and a blank disk for a free evaluation version.

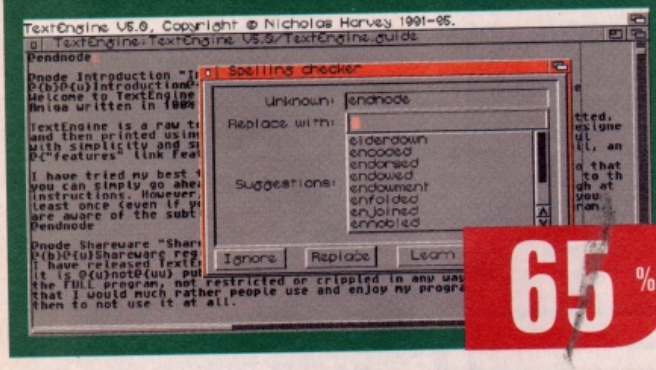
80%

Text Engine 5.0
text editor

Text Engine 5.0 is rightly geared towards simplicity with the onus on printing. It has functions to change the style of selected areas of text (underline, bold, italics etc). However, it doesn't display them, instead choosing to use a funny character to indicate this instead. It also sports a rather nifty spell checker which initially caught my attention. So far so good but that's about the end of Text Engine 5.0's features.

The list of non-features is much longer. You can't mark a portion of a line, only a whole. You can't mark text before the cursor position, only after it. Wordwrap doesn't work unless you've actually typed the entire line. It only opens on the Workbench screen. Cursor fast moves aren't there, instead it prints funny characters. For something sporting such a high version number, you would have thought that it would get some of the more essential basic features right by now.

Available from: SeaSoft, Unit 3, Martello enterprise centre, Courtwick Lane, Littlehampton, West Sussex BN17 7PA. Tel:01903-850378 Price: 80p plus 50p P+P.



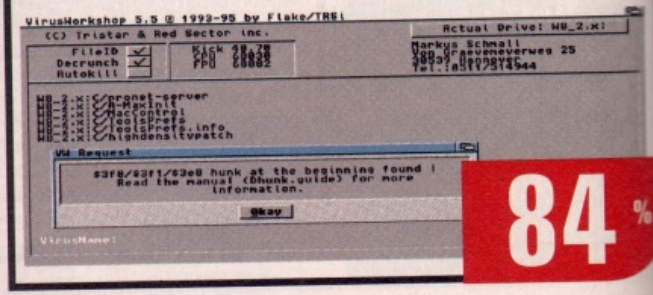
65%

Virus Workshop 5.5
virus checker

Virus checkers are difficult to test. We have no idea of knowing what kind of coverage of current viruses that they afford. So it's only possible to judge the packages by features and just hope that their knowledge of the range of evil-doing viruses is good enough to keep us safe from harm.

Virus Workshop isn't a beautiful and unobtrusive effort like *Virus Checker*. The GUI doesn't resize, much of the package and the documents are written in broken German/English and it insists on moaning about every OS vector being patched (which quite a lot of PD utilities do). However, it does have everything you'd expect and a little more. Boot block checking and extensive trojan/link virus checking coupled with use of the XFDmaster library to decrunch all the files before testing. There's also the ability to scan LHA, LZX and DMS archives for viruses etc. It lacks polish but has the requisite features. For the paranoid and virus prone, it looks like a quality virus checker despite the author using the documentation as a soapbox for his problem with Safe Hex International. It wouldn't hurt to let it scan your Workbench partition every now and again.

Available from: 17 Bit Software, 1st Floor Offices, 2/8 Market Street, Wakefield, West Yorkshire WF1 1DH. Tel: 01924 366 982 Price: £1.00 plus 50p P+P.



84%

Kids Only
educational package

At first look, the licenceware tag on this three disk package for kids seems justified: lots of smart and colourful graphics and a wide variety of games to play including; *Word Search, I-Spy, Pairs, Picture Slide, Dot 2 Dot, Colouring Pad* and *Music Maker*. Each game is colourful, fun looking and educational. However the package is let down by the fact it's unlcear what age bracket the games are aimed at. They seem to be aimed at five year olds but the text explaining each of the games is worded in very complex boring English. Another problem was that the package was very prone to hanging for no apparent reason on our office A4000. If these quirks and problems were addressed *Kids Only* could not only justify the £10 licenceware fee but also lay claim to being a top notch commercial program. Worth a look if you don't mind explaining the games to the little ones.

Available from: SeaSoft Computing, Unit 3, Martello Enterprise Centre, Courtwick Lane, Littlehampton, West Sussex, BN17 7PA. Tel: 01903 850 378 Price: £10.00 plus 50p P+P.

77%

Iconographics
replacement icon package

Icon packages are very much a matter of taste and this package is definitely to mine. Simple clean and colourful icons with no nasty shading are on offer. Installing the package was slightly awkward and it gurued on our A4000/40. I decided to play it safe and test it out on my A3000. Strangely enough, I had to confirm every icon change even on the stock ones. Once you've done this you've got to go through the lengthy process of operating the manual icon updater program using drag 'n' drop. All this is worth it though because you can update your icons choosing from an impressive library of 350 examples.

I like *Iconographics* but it would help if the author fixed up the installation routines as it even destroyed some original files! There is also a good icon construction utility provided. For updating your Workbench's appearance this is a good alternative to Magic WB.

Available from: Kew II, PO Box 672, South Croydon, Surrey CR2 9YS. Tel: 0181 657 1617 Price: £1.00 plus 50p P+P.

88%

Exclusive PD

First Floor Offices, 36 Coltsfoot Drive, Waterlooville, HANTS PO7 8DJ

VISA · EUROCARD · MasterCard · DELTA · SWITCH

Easy Ordering

1 - 3 PD Disks £1.50 per disk, 4 or more just £1.00 each and work on all Amiga models unless otherwise stated.
[2.04+]/[+] = A500+ or over. AGA = A1200/A4000
HD = Hard Drive required. (?) [?] Number of disks
UK add 75p P&P Per order, Europe 75p + 20p per disk, World 75p + 40p per disk. Add 75p per CD. Catalogue 3 x 25p Stamps, or FREE with your 1st Order. Same day despatch where possible.

DONDIKE

DELUXE (3 DISKS, AGA)
[AGA][4MB][6 DISKS]
[AGA][HD][4MB][4 DISKS]
II (3 DISKS [HD])
V3.0 [AGA][3 DISKS]

ART CARDSETS
ERIKA ELENIAK
HELLRAISER
STAR TREK 2
BABYLON 5
DREAMS 1
DREAMGIRLS 1
STAR TREK ART
CUP FINAL
FLINTSTONES MOVIE
BIKE & CAR
NUDES 2
KEWL
BIRDS 2
TRUE LIES
PINOCCHIO
NUDE
FAMOUS WOMEN
ARNIE
SHERILYN FENN
MUNROE 2
HEROINE
CINDY CRAWFORD 2
PRETTY WOMEN
FLOWERS
ORIENTAL GIRLS
BIKINI
PREHILLION
DISNEY
SPACE
PLAYBOY
MAMMALS
our cardset listed in any mag
V2 [2.04+][4MB+]
ets with ImageFX

BEST DEMOS

A DRUG (6, AGA)
ure needs across six disks
ES 14 DISKS, AGA)
ES 14 DISKS, AGA)
ES 14 DISKS, AGA)
ES 14 DISKS, AGA)
ES 14 DISKS, AGA)
some waste. You'll need
ve to kick-start essential
INSPIRATION (AGA)
dcourbeat, a cube with
mated effect, cartoon an
ES, AGA [HDD]
seen for a while. Superb
ing! Don't forget to send
y your collection!
ARTHUR (AGA)
ne hard drive and are pe
ality. Great music too!
BOOK (4, AGA)
ULL) Here's the first part
which sees Sylvie, the
ARTHUR (AGA)
RD #7 (2 DISKS, AGA)
ssue of 2, good looking
ne looking for a decent
computer rap offs, to jams
ews, demos, GoodAGA's and SFX. 9/10
SWEDISH DEMO 4 (AGA)
F FALCA #6 [2.04+]
ssue which is fully mu
e a very popular range of
ES [2.04+ 4/6 DISKS]
ne of the best disk mags
Hundreds of articles
ogrammers, graphics, then
ed into one more.
ART [2.04+][4MB+]
ne particular SciFi/Cyber
ooks on all things HiTech
AZZ WAVE (2, AGA)

A fantastic card flash, style music collection.
Some absolutely stunning hand drawn artwork by a very talented local artist.
MAGICIAN (2, AGA, HD)
Another excellent demo to come out of Denmark. Has some very nice graphics and music with surround sound effects. Also has some mapped dungeons. The music is very good. 10/10.
OXYGENE: CONTROL (2 DISKS, AGA)
Good music and eclectic graphical effects including some of the Amiga's colour and 3 other nice visual effects. Good looking demo. 7/10.
PHD (2)
Hello...chilling track surrounded by some great 3D graphics. Nice demo. 8/10.
PLASMA (2 DISKS) [AGA HD]
Another great demo. Comes with amazing effects including very good plasma effects and a jewel box on the cover. Good graphics and pleasing all round ambient mood music.
INSTINCT DEMO (2 DISKS) [AGA HD]
Really wicked track, 3d font tapping music effects and splendid morphic doughnuts. Superb graphics and good use of sound effects. 9/10.
A GALLERY 2 [AGA]
Instinct's A Gallery arrived, and what a wonderful sweeping and a superb tune. A bit out of work and it looking for a contract, it looks like he'll get one. 10/10.

EDUCATIONAL

EDUC26 MYTHOS: GREEK MYTHOLOGY
Overall really well presented book of facts about Greek mythology. Has a category at the start of the title, from this the scene reveals will be highlighted so that you can find them more easily. Has a few spelling errors and badly incomplete.
EDUC27 CLOCKPEERS
An invaluable study tool for students aged 10upp to help them with their exams.
EDUC28 WORLD HISTORY TIMETABLE [+]
Designed to give an interactive overview of world history. The keen font hurts his eyes/ing.
EDUC29 GLOBAL FACTS [AGA+][2 DISKS]
Extracts from the latest available official sources, these tables present an easy reference particle of information about all countries and demographics in one easy to access file.
EDUC30 CHESS DISK 7 [2.04+]
The latest title in this subject has educational series based around a holiday theme. Count the lucked and spades and things.

LATEST GAMES

G472 THE THERAPIST [2.04+]
Based on Elsa a system to allow your computer to act as an analyst. Type in your problems and it will ask you a series of questions and attempts to elaborate on the subject matter. Quite surprising how good it is at the same time. You'll need to kick-start essential libraries.
G473 DONKEY KONG
A C64 classic remake from the guys at Bignosoft. Good graphics and sound effects. 8/10.
G470 GALAGA DELUXE V2.0 [2.04+]
This superb game features all the qualities of the original arcade game plus more power-ups, more levels, better graphics and sound. Virtuoso levels. Excellent. 11/10.
G469 NECESSARY ROUGHNESS
An excellent American football simulating game.
G468 BLACK MAGIC [2.04+][2 DISKS]
Make your way through the caverns collecting equipment and fighting with the crazy monsters you encounter. Good fun.
G467 DUCK DODGERS [2.04+]
Duck Dodgers is one of the best games where (but runners and simplicity was the addictive quality in this game's case). Simple to play and extremely addictive. Highly recommended. 9/10. Great!
G466 SPACE RACE [2.04+]
Space-gravity game. Guide your ship using the top/bottom keys and fire with the space bar. Avoid being mesh and drops and destroying any nasties and collect the pods to win. Good GUI's and SFX. 9/10.
G465 SWEVENGE [AGA]
This game is a bit of an Alien Breed clone. You have to be much faster than the aliens to get through the corridors and level.
G464 SPACE BEAM & TOSSES BIOS [2.04+] (2)
Platform game in which you must attempt to kill the baddies and collect the keys to progress to the next level. Good GUI's and SFX. 8/10.
G463 SPACE INVADERS [2.04+]
An addictive one player game in which you must seek out and kill your opponent with the strictest weapons you can find. Good GUI's and SFX. Another one for the collection.
G462 THE LAST SOLDIER (2 DISKS)
A VERY nice arcade adventure similar to Persian Gulf Inferno or Green Beret (but better!). Good graphics and sound effects. Well worth a go when you check the latest Gossips. 10/10.
G461 SUPER COMBAT [2.04+] (2 DISKS)
A two player armed combat arcade game viewed from above. Each player has a limited hunt out your opponent, save hostages and destroy the enemy base. Good graphics and sound effects. 9/10.
G460 ALIEN HUNTER (AGA)
Exceptionally good top down arcade run around and shoot game. Nice graphics and sound effects. Good to monster etc. Collect keys, open doors etc. Good fun. Highly addictive. 9/10.
G459 INDIAN SPIRIT [2.04+] (2 DISKS)
An arcade adventure platform game based on the efforts of Cascade Ace, e.g. Day of the Tentacle & Sam and Max. Good graphics and sound effects. Quite addictive in short bursts, and comes a world of fantasy. The gfx and sound are pretty good, you can move around the entire screen and there's a good variety of things to do. Nice.
G458 PENGO [2.04+]
Pengo for the Amiga at long time. The maze is made up of blocks of ice, which you can push or melt. Blocks are destroyed by pushing them into each other. Nice.
G457 LUNAR MODULE [2.04+] (2 DISKS)
Land the lunar Module on various points on the plan without crashing. Good graphics and sound. Nice.
G456 DIG SCRAMBLE [2.04+]
One of the BEST games I have ever seen. You control a digger which can move around the screen, dig, pick up gems and take them back to your nest. All the while you have to avoid nasties and the leaking air supply. Great!
G293 GEMZ [2.04+]
Your goal is to collect gems. 'Gemz' will be displayed. The gems on the right has been effected by the computer and the gems on the left is the original gems.
G292 WORDSEARCH DESIGNER V2.0 [2.04+]
Allows you to design Word Search puzzles very easily and to a high standard. Also includes a solver option.
G396 HD GAMES [NO FLOPPIES] [2.04+]
Installation script for the following games: Apache Spooking, ArcadePool, Assassin, Bells, Gemalia, Gloom, Gloom 2, Gloom Deluxe, Hocus Pocus, Ishar 2, Ishar 3, Cybernauts, Dizzy, Kickoff 3, AGA, Lotus 3, Lotus Esprit Turbo Challenge, Oscar, Pinball Dreams, Pinball Fantasies, PowerDrive, Trolls AGA, Ultimate Body Blows, Zool 2.
G455 GALLEONS [2.04+]
Galleons is a two player game in the same vein as Lanes and the like. The idea of this game is to blow the other player out of the water. This is done by firing cannon balls at your opponent.
G454 CUBE EDITOR V3.0
For use with Microsoft Grand Prix, allows you to change the number of cars on the track and edit the cars. Also allows you to edit the cars. Good GUI's and SFX. 9/10. Good but limited use of most.
G453 SPACE INVADERS [2.04+] (2 DISKS)
A really nice looking game, very professional graphics and sound effects. Good playability for two players as you can control both of the ships at once. If you are also able to change the friction and speed of your ship. Good GUI's and SFX. Very infuriating fun. 9/10.
G407 SUPER FILE SQUAD [2.04+]
Very nice platform game with lots of different levels and locations. Each level is split up by shops where all of them small ones, become huge balls themselves, you can also kick them into other names to kill them and controlling the level. 9/10.
G398 BLITRIS (AGA)
Blitris is a Tetris clone with bits for the level approach rather than straight gameplay. Lots of options to set up the game. Also makes life slightly more interesting. 8/10.
G426 SPEED! (AGA)
Superb texture mapped Doom style game where the object is to get to the numbered exit in the least possible time. Great graphics and music. This is one of the best Doom style games I've seen. 10/10.
G421 CURSED KINGDOMS [HD]
Your city is under siege and you and three warriors have been sent out to recruit the local population to get reinforcements. Your task is a perilous journey through the countryside where the peasants are extremely hostile. Good graphics and sound effects. 9/10.
G420 HORSE RACING [2.04+]
A text graphical adventure where you are placed in the role of a horse racing manager. Your task is to deal with fulfilling her daughter in a car accident. Nice graphical touches and good sound effects. Not a very good balance for the game, overall. 9/10.
G423 PANIC SOCIETY [HD]
Superb four player arcade game, consider dilemma by Sheetals, socialites, feminists and other assorted nasties. Good GUI's for Dan and Rita[8]0. It introduces the notion of Argon-atoms at a constant temperature. Once 2 is an object-oriented processor creating 3 atoms. Each atom is a thread in its own right. Good GUI's and SFX. Very addictive. 9/10.
G422 SEVERED HEADS (2 DISKS) [2.04+]
The year is 2255. A new revival drug used as a cure for cancer has been found to cause severe brain damage in some people. Your task is to investigate the case and put an end to the problem. Good GUI's and SFX. 9/10.
G428 ASGS7 (4 DISKS) [2.04+]
ASGS7 monitor or ASGS7 monitor. Has been reloaded onto your ship to allow these alien keepers to be transported to your base. Good GUI's and SFX. 9/10.
G429 ASGS7 (4 DISKS) [2.04+]
3D graphical adventure that will keep you going for weeks. Good GUI's and SFX. 9/10.
G430 SUPER EARTH DEFENCE V1.5 [2.04+]
Good old fashioned shoot 'em up. You control your ship at the base of the screen and must defend the earth from the oncoming alien invaders. The action is fast and furious and Lasley making this very addictive game!
G436 TITLE MANAGER
The Ultimate Manager is a realistic football management game. Features include: manage your own team, sell players and loads more! Highly addictive. Well worth a go!
G437 GOALA [AGA]
At last - a flight simulator on the Amiga! It's scenery, graphics and sound are all extremely good. Has appropriate sound effects, lots of different views of the action, and a fantastic replay facility shortly. Very good indeed. 10/10.
G439 A MANHUNTER OF TIME (3 DISKS)
An introductory level adventure game using a simple keyboard interface. Has a unique control system that appeared 75 million years into the past, using his recently completed time machine, you must find him and put a stop to their murder. Compelling and addictive. Well worth a look.
G436 PENGUINS [2.04+]
Cool 3d level platform romp featuring bombs, bonuses, baddies, secret rooms, lifts, doors, keys, ghosts, gates, teleports and spinning. Great graphics, sound and a nice cute style. Highly recommended.
IMAGE GRAPEVINE #21 (2 DISKS)
The greatest Amiga mag of all time makes another appearance in these hallowed pages. Highly recommended for ALL Amiga users. Has a bit of everything, all sorts of info and stories, reviews etc etc.

UTILITIES

SPEC140 BASIC ELECTRICS V1.1
A beginners guide to electrics, appliances and cabling are attended to. Has a basic knowledge of electrics and spares, fuseboard and lots, lots more. Very good stuff.
SPEC143 TYPING TUTOR [2.04+]
A very well presented, professional looking typing tutor with excellent background sound effects.
SPEC144 BOOKIE BEATER
Allows you to back on more than one contender in an event at any one time. Will work out the odds and profit margin for you.
SPEC146 IMAGINE ANIMAL PLANT (2)
A collection of three objects from the theme of Animals and Plants, mainly created!
SPEC147 [2.04+] (2 DISKS)
An update to one of the best library programs in our collection. Add a new look to your Workbench and is much more user friendly with new options. Also includes the demo so you can try it out.
SPEC151 DUST TUTOR [2.04+] (3 DISKS)
Tutorial for the Dust Demo Maker. Use Dust Demo creations many small processes and a guide-file to help you.
SPEC152 DUST: SPHERICAL WAVES [2.04+]
This package demonstrates one of the new Dust-Inspector objects in 3D Images. The source code is also included in the registered user version. Excellent.
SPEC153 THE PSYCHO GUIDE [2.04+]
A 2 disk set containing all the cryptotic guides for Super Cars, Nemesis the Warlock, Star Trek, Star Trek: Judgment Rites, Star Trek The Next Generation, Star Trek 25th Anniversary and Star Trek Maps.
SPEC156 IMAGINE V3.0 ATTRIBUTES & FONTS
Only one font on here, but literally dozens of attributes.
SPEC167 DOSMAN [2.04+]
Dosman is a COMPLETE online Amigados reference manual. It covers EVERY standard workbench and system command available on the Amiga with a thorough explanation of what it does and how to use it. Definitely worth a look for all Amigas, even 1.3 owners.
SPEC175 PRO FOOTBALL V1.1 [2.04+]
Another submission from the Mr. Psycho gang. His usual style and famous shine through in his latest introduction. This will be a very popular game when it's on the pools or on the odds. Very good presentation and graphics also supports a pleasing GUI. Good illustrated instructions too. 10/10.
SPEC176 PSYCHO SOFTWARE (3 DISKS)
A collection of objects for RealD. We seem to have been inundated with RealD objects recently and to be honest I'm getting a bit bored. However this one is a bit different from the rest. Good GUI's and SFX. Very addictive. 9/10.
SPEC177 [2.04+] (2 DISKS)
Another submission from the Mr. Psycho gang. His usual style and famous shine through in his latest introduction. This will be a very popular game when it's on the pools or on the odds. Very good presentation and graphics also supports a pleasing GUI. Good illustrated instructions too. 10/10.
SPEC178 PSYCHO SOFTWARE (3 DISKS)
A collection of objects for RealD. We seem to have been inundated with RealD objects recently and to be honest I'm getting a bit bored. However this one is a bit different from the rest. Good GUI's and SFX. Very addictive. 9/10.
SPEC175 DUST MD (3 DISKS)
DustMD is a conversion of the Dust and RealMD. It introduces the notion of Argon-atoms at a constant temperature. Once 2 is an object-oriented processor creating 3 atoms. Each atom is a thread in its own right. Good GUI's and SFX. Very addictive. 9/10.
SPEC176 DUST: THE BEST LOTTERY PROGRAM
Nicely presented and easy to use lottery management program. Has the ability to check your tickets against previous results, generate random tickets, calculates set numbers and much more. Good GUI's and SFX. 9/10.
SPEC175 DUST MD (3 DISKS)
DustMD is a conversion of the Dust and RealMD. It introduces the notion of Argon-atoms at a constant temperature. Once 2 is an object-oriented processor creating 3 atoms. Each atom is a thread in its own right. Good GUI's and SFX. Very addictive. 9/10.
SPEC176 DUST: THE BEST LOTTERY PROGRAM
Nicely presented and easy to use lottery management program. Has the ability to check your tickets against previous results, generate random tickets, calculates set numbers and much more. Good GUI's and SFX. 9/10.
SPEC175 DUST MD (3 DISKS)
DustMD is a conversion of the Dust and RealMD. It introduces the notion of Argon-atoms at a constant temperature. Once 2 is an object-oriented processor creating 3 atoms. Each atom is a thread in its own right. Good GUI's and SFX. Very addictive. 9/10.

UTILITIES EXAMPLES

This disk contains Amiga E translations of all the examples from the RKRM (Rom Kernel Manual) Libraries: ASL, Commodities, Exec, Graphics, Intuition, Libraries, Workbench. Also included are the translations of all the examples from the RKRM Autodocs.
[2.04+] AMOS PROGRAM COLLECTN (2 DISKS)
A large collection of AMOS examples, source and executable. Includes a few games, a couple of interesting small utilities such as BitMap overlays, sound effects, a Mouse Driver and more.
[2.04+] MODULES V40
Contains a few more modules created from the V40 Amiga includes. They differ from the standard modules in that they have deliberate deplexing/stereo separation.
[2.04+] SOURCE 'N' SAUCE (3 DISKS)
A wide variety of utilities (some for use with E) and other programs with LOTS of source in it. Now presented in a nice new format. A collection of programmers should not be without.
[2.04+] GOLDED V3.0
A large file containing various users problems and suggestions for Golded. Also contains a tutorial page. You will need some large lodge of the CLI of your Amiga to read this short, 3 1/2 page, highly informative.
IMAGEGRAPEVINE #21 (2 DISKS)
The greatest Amiga mag of all time makes another appearance in these hallowed pages. Highly recommended for ALL Amiga users. Has a bit of everything, all sorts of info and stories, reviews etc etc.

UTILITIES

SPEC140 BASIC ELECTRICS V1.1
A beginners guide to electrics, appliances and cabling are attended to. Has a basic knowledge of electrics and spares, fuseboard and lots, lots more. Very good stuff.
SPEC143 TYPING TUTOR [2.04+]
A very well presented, professional looking typing tutor with excellent background sound effects.
SPEC144 BOOKIE BEATER
Allows you to back on more than one contender in an event at any one time. Will work out the odds and profit margin for you.
SPEC146 IMAGINE ANIMAL PLANT (2)
A collection of three objects from the theme of Animals and Plants, mainly created!
SPEC147 [2.04+] (2 DISKS)
An update to one of the best library programs in our collection. Add a new look to your Workbench and is much more user friendly with new options. Also includes the demo so you can try it out.
SPEC151 DUST TUTOR [2.04+] (3 DISKS)
Tutorial for the Dust Demo Maker. Use Dust Demo creations many small processes and a guide-file to help you.
SPEC152 DUST: SPHERICAL WAVES [2.04+]
This package demonstrates one of the new Dust-Inspector objects in 3D Images. The source code is also included in the registered user version. Excellent.
SPEC153 THE PSYCHO GUIDE [2.04+]
A 2 disk set containing all the cryptotic guides for Super Cars, Nemesis the Warlock, Star Trek, Star Trek: Judgment Rites, Star Trek The Next Generation, Star Trek 25th Anniversary and Star Trek Maps.
SPEC156 IMAGINE V3.0 ATTRIBUTES & FONTS
Only one font on here, but literally dozens of attributes.
SPEC167 DOSMAN [2.04+]
Dosman is a COMPLETE online Amigados reference manual. It covers EVERY standard workbench and system command available on the Amiga with a thorough explanation of what it does and how to use it. Definitely worth a look for all Amigas, even 1.3 owners.
SPEC175 PRO FOOTBALL V1.1 [2.04+]
Another submission from the Mr. Psycho gang. His usual style and famous shine through in his latest introduction. This will be a very popular game when it's on the pools or on the odds. Very good presentation and graphics also supports a pleasing GUI. Good illustrated instructions too. 10/10.
SPEC176 PSYCHO SOFTWARE (3 DISKS)
A collection of objects for RealD. We seem to have been inundated with RealD objects recently and to be honest I'm getting a bit bored. However this one is a bit different from the rest. Good GUI's and SFX. Very addictive. 9/10.
SPEC175 DUST MD (3 DISKS)
DustMD is a conversion of the Dust and RealMD. It introduces the notion of Argon-atoms at a constant temperature. Once 2 is an object-oriented processor creating 3 atoms. Each atom is a thread in its own right. Good GUI's and SFX. Very addictive. 9/10.
SPEC176 DUST: THE BEST LOTTERY PROGRAM
Nicely presented and easy to use lottery management program. Has the ability to check your tickets against previous results, generate random tickets, calculates set numbers and much more. Good GUI's and SFX. 9/10.
SPEC175 DUST MD (3 DISKS)
DustMD is a conversion of the Dust and RealMD. It introduces the notion of Argon-atoms at a constant temperature. Once 2 is an object-oriented processor creating 3 atoms. Each atom is a thread in its own right. Good GUI's and SFX. Very addictive. 9/10.

1291 AMIGAPOINT V2.1 [2.04+]
A collection of software which is needed to get a connection to the Internet via a modem.
1488 DISK COMPRESSION SYSTEMS [2.04+]
Contains three disk compression programs of the kind we are currently using.
1483 TEXTURESTUDIO V1.2 [2.04+]
TextureStudio supports the loading of texture mod-ules in 8-sound format. The programs of the kind we are currently using.
1482 DLITE READER [2.04+]
A highly flexible soundplayer which supports many sound formats. Additional plugins can be loaded from disk.
1484 IMAGE ENGINEER V1.1 [2.04+]
Converts images between different filetformats, now does 24 bits down to standard Amiga screen modes and does not require any special hardware.
1485 BROWSERIT V3.03 [2.04+]
A multi-coulour file manager, not limited to two scrolling lists! This also means that you can see ALL information about a file: date, time, protection, file no, comment.
1490 MAGIC SELECTOR V1.7 [2.04+]
Magic Selector is a program which allows you to select different Background and Sound-FX in your Workbench Main Menu. Very good indeed.
1489 MOSAICV1.26 [2.04+]
A very good freeware utility that enables you to get on the World Wide Web and view all the lovely HTML pages on it. Very impressive. If you are interested then you need this program.
1490 ANTZIP INSTALLER [2.04+]
This script will support modern screen blanker, ScreenBlanker, MCP, Opus Magellan and Directory Opus 4.
1491 BUTTHEADOCS [2.04+]
Multiinstances is a programselector Rock or Roll Mod. Multiinstances is a program which allows you to open as many instances of a program as you want and even easy to select or assign files with your mouse. Very good indeed.
1492 SCOUT V2.1 [2.04+]
Scout is a program which will make a complete record of what disks you have and, probably more importantly, what is on them.
1293 SCOUT V2.3 [2.04+]
Scout allows you to monitor your computer system. It displays many different things like tasks, ports, assigns, devices, boards, resident commands, interrupts etc and you can define alarms.
1497 MEMLOG [2.04+]
Crash graphic orientated screen menus. Once you have installed your own menu, you can easily call it from your startup-sequence or from a shell.
1496 TRANSITION V1.3 [2.04+]
Transition is a converter with a couple of processing tools thrown in for good measure. It can read in many different graphic formats and save them out again.
1497 ENOLA V1.4 [2.04+]
Enola is a program for password protection.
1499 IMAGEDESK V1.6 [2.04+]
Imagedesk is a powerful image processing package. It can be used to create, convert and edit pictures. The most extensive general purpose.
1500 SCAN [2.04+]
This program was written to be an easy to use computer interface for scanning images.
1518 NATIONAL LOTTERY ANALYST [2.04+]
Contains many ways of manipulating the figures and helps you to win a million. 9/10.
1519 MESS! SHELL [2.04+]
Allows you to create and manipulate files from within a shell. Has many features, 9/10.
1520 VIRUS WORKSHOP V3.0 [2.04+]
The latest version of this concise virus checker and killer. Has a GUI and is very easy to use.
1521 SHAPESHIFTER V3.0 [020 4MB HD]
Outstanding shareware Mac-II emulator. It allows you to run Mac software on your Amiga and is very impressive without hardware addons or emulation. Requires a minimum of a 020 and 4MB of RAM.
1522 VIRUS CHECKER V8.17
The most popular Virus Checker on the market includes HD installer and extensive docs. 10/10.
1523 BACKWORKSHOP V1.1 [2.04+]
Excellent program to backup your harddrive to floppy disk. Has a nice GUI.
1524 AMIGA E EXTRAS V2 DISKS
For Amiga E V3.2A or greater. Includes tools as well as source code for you to learn from. Has a Sound, Threads, Modules, Fonts, Rexx and loads of other things. Well worth a look.
1525 CD-ROM TOOLBOX (3 DISKS) [2.04+]
Includes a CD-ROM file system, CD-ROM Audio Jukebox, CDTV CDTextBox10, DVC Player5.7, Input Interpret, Jukebox, Extractmus, Mr. CD Player, Music Box, Size CD and more. Also, QBase, QBase Setup, Size Size, DXLGUI, playAudio1, Open5, Open6.
1526 DOOM [AGA]
Gives you a deck down to the end of the year 3000. Has a good GUI and is very addictive. Good graphics and sound effects. Well worth a look.
1527 PATHFINDER [2.04+]
The most prominent image processing package on the Amiga. Has a GUI and is very easy to use.
1528 ICONS, IMAGES & DOCKBRUSHES [+]
Contains Deskwash Icons V1.0E for use with IconDoc and Illusion Icons V1.0E and many more.
1534 NEWICONS BACKDROP SETS [4/5] [+]
Has over 500 new icons for use with the NewIcon mode system. About 500 of them!
1535 ICONIAN V2.93 [2.04+]
Iconian is a powerful Workbench Backfill Hook with ARexx interface.
1541 NAVIGATOR [2 DISKS]
Navigator is a program which allows you to create a series of realtime walking through houses, rooms, cells, or any other shape!
1542 ULTIMATE ICONS COLLECTION [2 DISKS]
Ultimate Icons is a collection of eight colour icons for use with Workbench 2. Standard system icons are included, with many additional icons.
1543 ICONIAN V2.93 [2.04+]
A localized Graphics Viewer / Converter / ScreenGrabber for the superb new Library, with support for CyberGraphX, Picasso96, EGS, Retina and many more features.
1544 GRAPHIC WORKSHOP [2 DISKS] [AGA HD]
Places a backdrop of your choice into your Workbench, and a set of corresponding icons will be added as your partition icons.

WIN!!!! £50.00 - Free entry to our monthly draw!

1 FREE ticket with every £5 spent. First prize £20.00 worth of PD disks, 2 Runners' up prizes of £10.00 worth of PD Disks, 2 Runners' up prizes of £5.00 worth of PD disks

October's winning tickets are: 301, 222, 20, 121, 7 - call if you have won!

NEW ICONS PACKAGE AGA including THE NEW ICONS BACKDROP SET #1
NEW ICONS IMAGE SET (500+ICONS)
ADDITIONAL ICONS & SNAPSHOTS
and ICONIAN V2.93 to create your own icons

£4.99

SP001 Cosworth, JCB Digger, Bigfoot Truck & GoKart £4.95
SP002 Bus, Tank, Convertible & Dick Dastardly £4.95
SP003 Jet, Dragster, Reliant Robin & Skater £4.95

Each set comes complete with HD and Floppy installer, cars act as an integral part of the game
AGA Required.

KIDMARKS 2 EXTRA CARS

ZXAM SPECCY EMULATOR V2.0 AGA £1.00
SPECCY EMULATOR V2.0 (ALL MACHINES) £1.00
SPECCY GAMES
Vol1) 148 games @£9.99
Vol2) 152 games @£9.99
Vol3) 163 games @£9.99
Vol4) 155 games @£9.99

A64 PACKAGE V3 & COMMODORE 64 GAMES [10 DISKS] [2.04+]
Only £10.00

Pagestream Fonts
Pack 1 80+ Fonts £7.99
Pack 2 70+ Fonts £6.99

Final Writer Fonts
Pack 1 (204 fonts) £9.99
Pack 2 (208 fonts) £9.99

FAMILY BOARD GAMES [2.04+] £4.99
DOMINOES, ISLAND, SCRABBLE, Amiga maze, Amigatation, Atoms, Blocks, Chinese Checkers, Circuit Wars, Connex-4, Joust, Kamikaze Chess, Kap-Othello, Ramrey, Sorry!, The Brain, Trippit, Yahtzee, MONOPOLY. Documentation included

Disk Magazine Creator allows you to create disk mags like Grapevine and the other leading disk Zines, but there is one major difference with DMC, you don't need to code any of it! DMC has many features including the ability to include clipart amongst your articles.
FG-004 D.M.C £6.99 with 30 page manual.

Word Puzzlers Paradise £6.99
Words Plus+ Pro is intended for use as an aid to solving/creating word puzzles, crosswords, etc. The program is supplied with a dictionary of a massive 75000+ words that the program will search when it solves or creates puzzles. Puzzle sizes from 3x3 to 30x30 (with 1Mb of RAM). The searches are performed lightning fast, so you can have endless hours of fun creating, Adjacent and In-Words. The program also allows you to add words to the dictionary. V2.0 Requires 1Mb and any Workbench. £14.99
WORDSEARCH DESIGNER V2.0 allows you to design Word Search puzzles very easily and to a high standard. You can print it for distribution. **Wordplay** is a selection of similar but individual word games all relying for your ability with words.

FG-002 BLACKBOARD V4.0 £8.99 with 24 page manual (NOT A500 COMPATABLE)

Will now work on ANY Image Amiga. How would you like to create your own graphic adventure game? No programming skills are needed as it's a menu driven system for any Amiga.GFXSC supports standard IFF picture files(weird and wonderful ones as well!), music modules. Create Monkey Island style games with ease. Includes all the graphics and sound effects you require to get started - a complete A1/A4 game! £5.95. BY CU Amiga May 95.
FG-001 G.R.A.C V1.3 £6.99 With 28 page manual.

TOTALLY TRIGGER-TASTIC [2.04+] £6.99
PHESUS AD Pretty decent horizontally scrolling shoot-em-up game that looks a little like R-Type.GALAGA DELUXE V2.0 Superb game that includes all the qualities of the original game plus more power ups, more levels, better graphics and sound, better levels. ALIEN GENOCIDE Operation Wolf style controlled via the mouse and cross hair for gun sights. GRAVITY FORCE II This is a two player split screen game where players battle it out in a cosmic dog fight duel. TOTAL ENGLISH Horizontally scrolling 3-point 'em up with excellent graphics and sound. ZAXXON Horizontal shoot 'em up by Virtual Dreams. Graphically, aurally and technically superb. Very highly recommended.

This is the best children's art package. You can import your pictures straight to your printer. There are more than 84 functions to play with and its all made very easy to use with on-line VERBAL help.Your child will be knocking out amazing pictures within minutes. 96% AMIGA SHOPPER SOS 95 Workbench 2 or higher.
FG-003 MAGIC PAINT BOX with 22 page manual.

Totalling a massive 25 disks FULL of 256 colour quality images of glamour girls, pets and boating shots or can be used as WB backdrops.
£14.99
Biggest Babe Collection EVER

AMIGA E
Utilities and Source code, hints and tips and a tutorial disk all for just **£9.99**

AmiNet CD Series
AmiNet Set 1 £23.99
AmiNet Set 2 PreOrder £23.99
AmiNet 7 £12.99
AmiNet 9 £13.49
AmiNet Set 2 £25.99
AmiNet 6 £9.99
AmiNet 8 £12.99
Aminet 9 Pre-Order £11.49

(01705) 642409

Features a whole new batch of exciting new adult material including thousandsof graphic images, hundreds of Adultsexy sound samples in IFF & VOC, adultstories, comical sketches, hundreds of adult jokes, dozens of either weirdadult or cartoon animations in FLI & ANIM. Adult Sensation 2 also containsaround a dozen original adult music modules that feature sexy samples.Not one for the faint hearted.
Adult Sensation 2 £16.99

Comprises hundreds of games for the Amiga & CD32 range of computers.The games are accessed by a user friendly menu system which is based upon the menu compatible with the CD32 Workbench. ParNET and SerNET are also provided. To ensure nothing has been missed, the relevant Assassin Games disks and Assassin utility disks are provided in archived form, easily dearchived via the Amiga guide file provided. The Amiga guide also provides hints for each game and it is also possible to play the games direct from the Amiga guide.
Assassins Ultimate Games CD2 £17.99

Contains demo versions and full versions ofcommercial software for the Amiga. Over 30 demos, some of the best AGA games like Alien Breed 3, Pinball Illusions, Whizz, Super Stardust, Worms, Pinball Mania, Wolfworld, F17, Microprose Formula 1 Grand Prix, Overdrive, Super Skidmarks, Classic Cricket, Cricket Captain, Sensible Golf, Sensible Soccer, Sensible Software Compilation, Cannon Fodder, Chaos Engine, Elite 2, Elite Plus, Project X, Project X Special Edition, Pro Tennis Tour 2, Rise of the Robots, Skidmarks 2, Super Tennis Champs, Syndicate, Ultimate Body Blows, Ultimate Soccer Manager, Wembley International Soccer, Wizkid, Zool 2, Zool Ultimate Collection and many more.
MEETING PEARLS 3 £9.99

Out now. Another very popular CD, purely on value for money.Very similar in principle as the AmiNet CDs but with different software.All programs are archived using the popular methods, and include animation,utilities, music and midi files. Frequently Asked Questions on variousssubjects, a huge movie database, archive for Psion computers, pictures,Linux for the Amiga and lots more.
Global Amiga Experience £24.99

C64 Sensations
C64 Sensations gives you almost 10,000 C64 Megabytes with over 6000Mb of software. Mega Demos, Games, and utilities for the Amiga and PC computers. The disc has all the latest versions of emulator's for PC and Amiga computers (also contains the full version of the Ad Pack)age v3.0 for any workbench 2.04+ Amiga & the latest version of Frodo). The Work done here will not only save you months of transfer time but take you on a trip back in time to when the 64 was king. We garuantee you that you will not have seen many of these amazing Mega demos on a high amount have not been on general release before. You'll also find many new utilities from the major internet sites.
C64 SENSATIONS £16.99

Arcade Classics is an original collection of ALL your old arcade favourites,including Amiga & PC variations of: Pacman, Space invaders, Asteroids,Missile command, Pengo, Frogger, Lode Runner, Galaxians, Donkey Kong,Numerous Tetris Games, Battlezone, Tempest, Combat, Tron, Space Wars, Throst,QBert, Hunchback, Moon Patrol, Thrillseeker, Breakout, Centipede, Cycles,Berzerk, Snake, Scramble, Ping Pong, Breakout, Numerous C64 conversions, Recollection of Jeff Minter games and hundreds more. Over 6000mb ofunforgettable retro-gaming, this will keep you busy for months. Floppydrive required, keyboard recommended.
Arcade Classics £13.99

The follow up to the ever popular Networking CD. Full of networking and comms software to allow your Amiga to chat to local or globally linked amigas. Including a SerNET program which is much easier to use than previousversions. And is likely to contain various catagories of software such as;24Bit images, PhotoCD conversion, Comms, Fonts, clipart and much, much more.
Networking CD 2 £13.49
SerNet Cable £17.99

As exciting new CD-ROM containing over 1 GIGABYTE of SCI-FI images,animations, 3D objects, Sound FX, documents, theme tunes, Scripts and sci-figames. Subjects included are: Babylon 5, StarTrek (original, TNG, Deepspace 9 and Voyager), Batman, Dr Who, Thunderbirds, Robocop, SeaQuest DSV, Bladerunner, Aliens, Terminators, 2001, Blake 7, Battlestar Gallactica, Iron,Total Recall, 2010, Space 1999 etc. SCI-FI Sensation also includes hundredsof miscellaneous 3D spacecraft objects, hundreds of miscellaneous SCI-Images, hundreds FX, SCI-FI music and more.
Sci-Fi Sensation Double CD £16.99

Atruly a multiplatform CDROM with Emulator's for various computer types such as The Amiga, Atari ST, Mac and PC. Contains some exclusive products which ONLY appear on this CD and have never been released before. You get loads of FAQs, Spectrum Technical FAQs, Games lists, The modified spectrum ROM, Modified interface 1 ROM, other Modified ROMs., Wallpaper pictures for windows (.BMP) and Amiga Workbench (.IFF), Various pictures in JPG & .GIF formats of Tape inlays, Spectrum computers, Game level maps, Famous speccy people and over 100 computer screenshots. Have hours of fun with the best loved computer from yester-years, be pre-pained to spend weeks looking through all the games, utilities, information, maps, and pictures of this classic computer.
The perfect choice for anyone interested in the spectrum computer.
SPECCY SENSATIONS 2 £17.99

EPIC MARKETING
AMIGA SOFTWARE

A powerfull set of cataloging tools. Catalogue your Record, CD, Video and disk collection with ease, and search on any aspect or field. Suitable for use with Kickstart 2 & 3 only.
Only £5.00

☐CTG5-3. CATALOGUERS

Professional graphics converters, can convert graphics between the Amiga, PC, Mac & Atari ST. Supports GIF, TIF, IFF, PCX, BMP etc. Kickstart 2 or recommended.
Only £5.00

☐GFC5-2. GRAPHICS CONVERTERS

A six disk collection of Video titling tools, video wipes, fonts, Video titlers, Subtitle generator, Video backdrops etc.....
Suitable for use stand-alone or inconjuction with Scala etc....
Only £12.00

☐VID12-6. VIDEO TITLING TOOLS

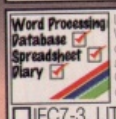
A collection of essential hard drive maintenance tools. Like: disksalve 2, HDBackup, Menu system, Virus Checker, and many more.

Only £5.00

☐HDT5-2. HARDDISK TOOLS

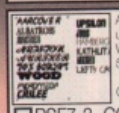
Dozens of easy to follow recipies.
If your a budding Ian Beele or Floyd then this gourmett cookbook is just the thing for you. You'll be a professional in no time.
(Be sure you test your cooking on your In-laws first!) Only £3.00

☐GCB3-1. GOURMET COOKBOOK



Little Office consists of a powerfull Wordprocessing package, a spell checker, A diary system, a name and address database, and a powerfull spreadsheet.
Compatible with all Amiga's but Workbench 2 or 3 is recommended. Only £7.00

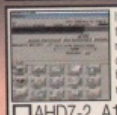
☐IFC7-3. LITTLE OFFICE



Around 100 scalable compugraphic fonts for use with Wordworth2&3, Pagestream, Workbench 2&3. High quality printout from 5point upto 100point.

Only £7.00

☐PSF7-3. COMPUGRAPHIC FONTS



If you've just got a new A1200 hard drive to prep & install it correctly you'll need the correct software. This software comes supplied on 2 disks. The first preps & partitions the harddisk, the second install Workbench correctly. Only £7.00

☐AHD7-2. A1200 HARD DISK INSTALLER

Now the weather is Okay it's time to put on your shorts and dig the garden. Now the best way to get out of doing this is to use the excuss that you are far to busy designing the garden to actual do it!.
Only £3.00

☐GRN3-1. 3D GARDEN DESIGNER

If you like a little flutter now and then but don't like loosing real money the this is for you. The Amiga Betting shop contains four great gambling games. Roulette, Fuit machine sim, Horse racing etc.
Only £6.00

☐ABS6-4. AMIGA BETTING SHOP

Mono Pagesetter clipart contains hundreds of great mono clipart images for use in any version of Pagesetter. Subjects include: Animals, People, Transport, Hi-tech, Computers, Sports, etc....
Only £3.00

☐MPC3-1. MONO PAGESETTER CLIPS

An essential collection of disk recovery tools for Workbench 1.3, 2 & 3. Weather a floppy of your Harddisk you've received an error this package will see you right. Easy to use.
Only £5.00

☐DRT5-2. DISK RECOVERY TOOLS

There are over 1000 Amiga viruses currently "doing the rounds", So catching one isnt a hard thing to do. This collection of Virus killers is updated regularly, So you can be sure you'll be able to detect and kill all known viruses.
Only £4.00

☐VIP4-2. VIRUS KILLERS

Girls, Girls, Girls is packed with full colour "GIRLY " pictures. all AGA 256 colours, suitable for the A1200 or A4000.

Only £6.00

☐GRL6-3. GIRLS, GIRLS, GIRLS

Miscellanous colour clipart images. Around 100 in all covering: cats, dogs, cars, trees, planes, boats etc...
Suitable for use in any Paint or Desktop Publishing package.
Only £9.00

☐CCP9-5. COLOUR CLIPART

Word finder Plus is the most powerful crossword solver available to date. Solves anagrams, crosswords etc. contains a dictionary of over 50,000 English words, which you can easily add your own.
Only £5.00

☐WFP5-2. WORD FINDER PLUS

If you've got a tempremental Amiga the The Engineers Kit is what you need. You can test your Drives, Your Hard disk, Memory, Keyboard, Sound chips, graphics chips, Mouse, joysticks etc....
Only £3.00

☐ENK3-1. ENGINEERS KIT

Over 130 top quality colour images from the Lion King cartoon film. Each image is stored as ready to use IFF so can be imported into ANY paint or Desktop publishing package.

Only £6.00

☐LKA6-3. LION KING CLIPART

Magic Workbench is an inavative replacement Workbench. Gives you a completley new 8 colour updated Workbench. A hard disk is highly recommended. Various extras disks are available seperatly.
Only £3.00

☐MWB3-1. MAGIC WORKBENCH

A new two disk set of Workbench backdrop babes Backdrops all in 128 glorious colours suitable only for Workbench 3.

Only £5.00

☐WGB5-2. WORKBENCH BACKDROPS

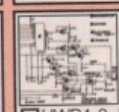
Play hundreds of classic Spectrum 48 games on your Amiga. This very easy to use Emulator will run on every Amiga, The faster your machine the faster/smoother the games run.... Games include: Skool daze, Manic miner, Little computer people, Monty mole, Startrek, The Sentinal, etc...

Pack1. (SPE5-3) **Speccy em & 50 games.** Only £5.00
Pack2. (SPG15-7) **100 classic games.** Only £15.00
Pack3. (SPG35-33) **400 classic games.** Only £35.00
Pack4. (SEH40-1) **Speccy em, 50 games and tape deck interface.** £40

☐SPECCY EMULATORS

The disk doubler can liturally double the space available on your hardisk. If you've got an 80mb drive you'll end up with over 130mb. If you've got a 320mb drive you'll end up with over 1/2gig hard disk.
Only £5.00

☐EPU5-2. DISK DOUBLER



An updated 2 disk version.... Contains dozens of DIY hardware kits, like how to fit your A1200 into a mini tower PC case, build your own sampler, memory expansion, CD32 Link lead etc, etc.
Only £4.00

☐HWP4-2. HARDWARE PROJECTS

Three Stratrek games. Includes: Startrek Arcade game. Stratrek TNG, and the original Startrek. Decompresses to SIX disks.

Only £6.00

☐STG6-3. STARTREK GAMES

The Professional mono clipart collection consists of 10 disks featuring hundreds of VERY high quality mono images. All the most popular subjects are included like: Xmas, Animals, Transport, People, Eyecatchers etc. Only £13.00

☐GFX13-10. PRO. MONO CLIPART

Contains Three superb easy to use Typing tutors for the Amiga. Suitable for the complete beginner or anyone who at the moment types with one or two fingers...

Only £3.00

☐TYP3-1. TYPING TUTORS

Play poker with some of the most Cool and unstractive woman in the World. Features digitsed graphics and speech.
for Over 18 only....

Only £10.00

☐DSP10-1. DELUXE STRIP POKER

Centrefold Squares is an original Adult puzzle game featuring digitized graphics. At this price, don't miss it.

Only £5.00

☐CFS5-1. CENTREFOLD SQUARES

The Ultimate Chess & Tutor, suitable for any 2mb+ Amiga. Contains tons of Inbuilt speech, and great graphics. Suitable for the learner of semi-pro.

Only £4.00

☐JIT4-1. CHESS & TUTOR

News maker is a simple to use colour Desktop publishing package. Import your own graphics, text etc. Compatible with all popular printer makes.

Only £4.00

☐NRL4-1. NEWS MAKER

Create your own fascinating 3D magic eye images with ease. This package includes Random Dot Stereogram generator and a number of ready to use images.

Only £3.00

☐RDS3-1. MAGIC EYE KIT

A huge collection of top quality professionally finished 3D Lightwave objects. Includes : Soul Hunter, Delta fighter, Vorlon space craft, B5 Station, 2 jumpgates, Nebular space dust and more. Requires Lightwave.
Only £7.00

☐BFO7-4. BABYLON 5 OBJECTS

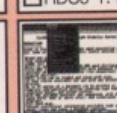
With this language tutor you could learn to speak either SPANISH, FRENCH, GERMAN, ITALIAN OR JAPANESE. Easy to use, and easy to understand????

Only £8.00

☐LTP8-4. LANGUAGE TUTORS

Basically this is a 3 disk compilation of tools which should really have been on Workbench. eg: Virus Killer, Fast text editor and displayer. Menu system, File manager, A few Workbench games and more.
Only £7.00

☐SCF7-3. STUFF COMMODORE FORGOT

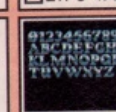


Text Engione V4 is the easiest to use Wordprocessor package available on the Amiga. It even includes a competent spell check feature.
Suitable for all Amiga's.
Only £3.00

☐TXE3-1. TEXT ENGINE

Every Amiga Emulator includes emulators for : Gameboy, Commodore 64, Commodore VIC20, Various IBM emulators, Spectrum emulators, Sinclair QL, Atari ST etc.
Only £5.00

☐AEP5-3. EVERY EMULATOR



Hundreds of Very high quality professionally finished colour clip fonts for use in any Paint package. Excellent for Video work, demo making etc.

Only £5.00

☐CCF5-2. COLOUR CLIP FONTS

A new replacement 2 disk Workbench that features: Startrek Icons, Backdrops, and amusing sound samples whenever you do anything wrong.

Only £5.00

☐TNG5-2. NEXT GENERATION WB

Classic Board games includes Amiga versions of Scrabble, Monopoly, Cluedo, Backgammon, Chess, Othello, Tiles, Tic Toe, Cribbage etc.

Only £10.00

☐BDG10-4. CLASSIC BOARD GAMES

100 high quality Amiga Bitmap fonts. Suitable for use with almost any Amiga package, Including DPaint, Workbench, etc
Font sizes start at 6pt upto 50pt.

Only £7.00

☐FNT7-3. FANTASTIC FONTS

Get your finances in order with this unique collection of home finance software. Keep track of your monthly outgoings: Petrol, Gas, Electricity, Mortgage, Rent etc....

Only £7.00

☐FIN7-3. HOME FINANCE

A collection of Lottery Winners. Help your self beat the Lottery with this superb disk. Every week let your computer generate the Winning? numbers. If you play the Lottery then get this disk.....
Only £5.00

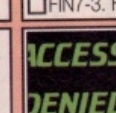
☐LWP5-1. LOTTERY WINNERS

Arcade classics V2 contains various classic games like: Space Invaders, Missile command, Asteriods, Q-Bert, race, Centrepede etc..
Suitable for any Amiga.
Only £5.00

☐ARC5-2. ARCADE CLASSICS 2

Amiga Power tools includes dozens of the most usefull & most powerfull utilities available. Virus killer, text editor, Menu maker, Sound & grapghics tools, and loads more.
Requires Workbench 2 or 3.
Only £5.00

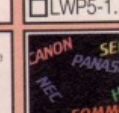
☐ATC5-2. AMIGA POWER TOOLS



Password protect you valuable Hard drive information with this extensive and easy to use Password and File encryption tool.

Only £10.00

☐PSW10-4. PASSWORD SYSTEM



A collection of over 100 popular and more unusual printer drivers. Supports the canon, Panasonic, Star, range of printers aswell as undreds more....
Very easy to use installation procedure.
Only £3.00

☐DRV3-1. PRINTER DRIVERS

If you've just purchased your Amiga you'll be a bit boggled how you use it properly, this five disk set take you through the CLI/Shell, Workbench step by step and you every thing you need to know.
Only £9.00

☐ABG9-5. AMIGA BEGINNERS GUIDE

Our Catalogue disk contains information on over 4000 public domain disks, CD-ROM titles, Packs, and ordering information.

Only £1.00

☐CAT1-1. CATALOGUE DISK.

Classic card games consists of around a dozen superb card games like Poker, Solitaire, Craps, Montana, Pontoon, Blackjack, Klondike, Spades, Golf, Rummy and more.....
Only £10.00

☐CRD10-4. CLASSIC CARD GAMES

Essential for Beginners is a collection of files essential for the smooth uninterupted use of your Amiga. All the most asked for libraries and Viewers are included like More, Muchmore, PPmore, etc
Only £2.00

☐EFB2-1. ESSENTIAL FOR BEGINNERS

Startrek Magic Workbench backdrops. An interesting 2 disk collection of Magic Workbench Startrek 8 colour backdrops. If you love Startrek you'll love these.

Only £5.00

☐STB5-2. STARTREK MAGIC WB

EPIC Marketing
Victoria Centre,
138 Victoria Rd,
Swindon, Wilts.
SN1 3BU. UK

Mail Order Hotline.
01793 490988
Fax Order line. 01793 514187
E.MAIL epic@epma.demon.co.uk

VISA MasterCard

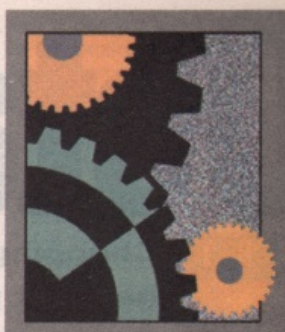
The EPIC Collection CD

The EPIC Collection CD ROM contains all the above titles and hundreds more. All DMSed onto an inavative GOLD CD ROM which you can update..... (see our CD add for details) *CD100*

Available to buy Now!

Most orders are sent within 48 hours. All titles work on all Amigas unless stated. E&OE

AMIGA workshop



OCTAMED 5.04 100
Throw away your tuning forks as we delve into *OctaMED*'s power editing tools and get down to some heavy duty music making.

PAGESTREAM 2.2 102
Spell checking problems sorted and making your own business cards are on the agenda as we continue creating our stationery set in *Pagestream*.

DPAINT 104
We show you how to recreate those fancy image manipulation tricks like those ones in the posh magazines (like CU).

WIRED WORLD 107
Take a message Miss Jones, or maybe I'll stick with Thor message system to check through my E-Mail and Usenet news.

AMIGA E 110
In the first of our new series of tutorials about our December cover disk, *Amiga E*, we program our very own handy search text tool.

AUDIOMASTER IV 112
The Options Menu is explored further and there's some top tips on editing courtesy of Tony Horgan.

XMAS COMPO 126
Bitten by the Christmas spirit we've decided to round up a whole bunch of goodies for you to win.

NEXT MONTH 130
CU Amiga Magazine keeps up the pressure as we review more of the top games and technical software and hardware.

Deluxe Paint p104

Amiga E p110

Next Month p130

Christmas Compo p126

Regulars

FAQ 119
Just got an Amiga for Christmas and are not sure what you want to buy for it next? FAQ should answer most of your questions.

Q&A MASTERCLASS 120
Stop seeing double. With a little help from Arexx you can create a duplicate finding tool which will enable you to get rid of those little imposters.

Q+A 122
Tony and Mat sift through all the Christmas cards to get to this month's selection of technical problems that are baffling readers.

BACKCHAT 124
Amiga Technologies come under fire due to the fact that you need to upgrade your new A1200 before you can use the included Scala.

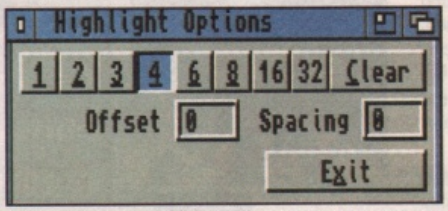
POINTS OF VIEW 128
CU Amiga Magazine look back at the year that was 1995 and tell us exactly what they thought about it and what's to look forward to in 1996.

Happy Christmas to one and all. As a special christmas present to CU Amiga readers we've rounded up a a whole host of goodies to be won: Mat Bettinson's old jeans, DOpus T-shirts and Frontier books are just a few of the prizes. There's also the usual helping of tutorials on PageStream, OctaMED, DPaint, and Audiomaster. And to welcome in the new year we have our first Amiga E tutorial.

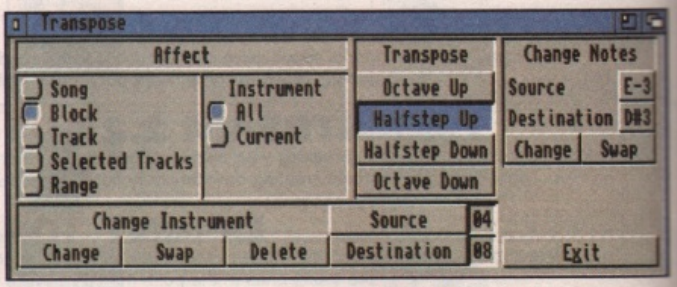
OctaMED 5.04

PART 3

Chopping and changing notes and sequences to get that perfect choon is easy with OctaMED's power editing tools.



▲ The number four button highlights every fourth line and marks out the beat in a block.



▲ In the Transpose Window you make lots of alterations to your music. For example, you can change individual notes, here all E-3 notes are being altered to D#3 notes.

Fasten your seatbelts. You're about to embark upon a whirlwind guided tour of most of *OctaMED*'s editing functions (well, those you're likely to use anyway). We'll start with a look at three important menus. Load up a song before you start, then you can try out the options as you go.

The right track

The most commonly used options from the Track menu (cut, copy, paste and swap) are located at the top. They're *OctaMED*'s answer to wordprocessor-style editing, and affect the track currently occupied by the grey cursor. Copy transfers the track's notes to a 'copy buffer'; Cut also clears these notes; Paste overwrites the track with the copy buffer's contents; Swap exchanges the track with the buffer's contents. To swap tracks one and two, for example, move to track one and select Copy. Now move to track two and select Swap. Move back again to track one and select swap once more.

The Block menu also has these options which work in just the same way, but affect blocks rather than tracks. Use the Insert New and Append New buttons to add blocks to your song (Append adds after the final block), or Delete to remove the current block if it sounds a bit dodgy. Set Properties opens a window for naming a block or changing its dimensions. The Block List is a handy listing of all blocks and their names; click on a block in the list to show that block in the Tracker editor.

The Highlight Options window marks the lines of block in patterns depending on your settings. For example, the button marked 'four' highlights every fourth line, marking out the beat in a normal block; useful if you're prone to getting lost while entering drum tracks. Insert and Delete Line add and remove lines; slightly more interesting is Expand/Shrink. Expand adds extra lines between notes, spacing them out as if you'd entered the notes with Space on, while Shrink does the reverse. Split At Cursor splits the block in two, creating a new block whose first line is the current one. Join With Next joins the current with the next block.

Mark 'em up

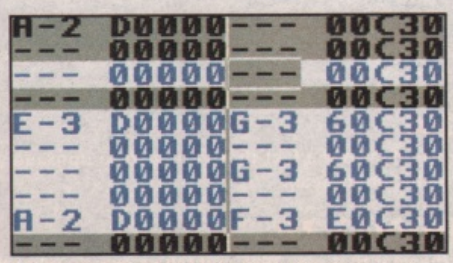
The Edit menu invites you to cut, copy, paste or erase a 'range' of notes. But how does one mark this range? Simply by dragging the left mouse button over the Tracker editor: the range appears in white. Go on, try it! If you mark a range by accident, click on the Tracker editor again to cancel it.

Here's one to try: Select Track menu -> Copy, then move anywhere in the block and select Edit menu -> Paste Range. See the copied track appearing at the cursor? The Block, Track and Edit menus all share the same copy buffer, so selecting Track menu -> Copy is just like marking a range over the whole track and selecting Edit menu -> Copy. In fact, two Edit menu items quickly mark ranges over whole tracks and blocks; see if you can find them.

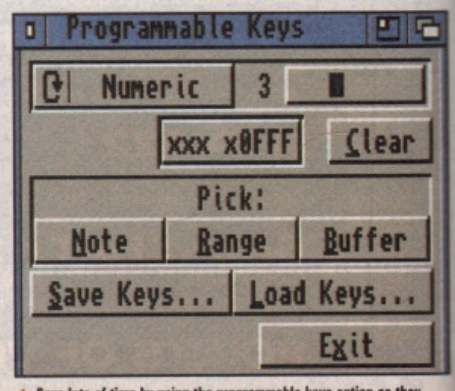
The Transpose window is very handy. Load in the Jungalistic demo song, then select block 014 and click 'Play Block'. Then in the Transpose window, set the 'affect area' to the current block by clicking Block (far left), and click Halfstep Up. Notice the pitch change? You can change individual notes, all E-3's to D#3's for example, at the top-right corner. Alternatively, notes played by a particular instrument can switch to a different instrument at the bottom of the window. The affected area of these operations is limited by the Affect buttons. Press the Help key for more details.

The often ignored 'programmable keys' (Settings menu) are so handy it's untrue: they allow you to enter a note or group of notes, with player commands, with a single keypress. Select a

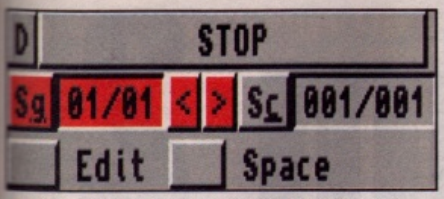
▲ The four most commonly used options in the Track menu: Cut, Copy, Paste and Swap are situated conveniently at the top.



▲ To mark a range just drag the left mouse button over the tracker editor and the range will show up in white as shown here.



▲ Save lots of time by using the programmable keys option as they allow you enter a note or group of notes with one keypress.



▲ Multi modules are a collection of songs which all use the same instruments. Here we are editing the first song of a collection of one.

definition (0 – 9) with the slider at the window's top-right corner. Then type the required note and/or player command into the area in the middle of the window, by holding the left mouse button over each note or digit and pressing the required key. For example, to type: 00FFF, hold the mouse over the third digit and press the F key; similarly for digits 4 and 5. Finally, close the window and enter the definition in the Tracker editor by pressing Shift-3 for definition 3, for example. Simple!

Ah, but there's more. Definition '00FFF' will clear the note and instrument number. So how do you prevent this clearing, leaving the note/instrument number unchanged? Use definition xxx x0FFF and type the 'x's by pressing Return while holding the mouse button.

Song share

A 'multi-module' is a collection of songs all in memory at once and saved in one big file. The songs have one thing in common: they share the same set of instruments. The multi-module gadgets are on the far left of the main screen's fourth row (in red in the picture). 01/01 means 'you're currently editing the first song of a collection of one' – in other words, there's only one song in memory.

Right, load in Jungalistic, again, if needs be, then add a new song by clicking > (to the right of 01/01). Select this new song by clicking > again, then load in Drum Solo (the other demo song) and answer Remap in the requester. Presto! You now have a two-song multi-module. Drum Solo's instruments actually start at 0C because they've been 'remapped' to avoid clashing with Jungalistic's samples. Use < to return to Jungalistic, or click Sg (left of 02/02) to open the self-explaining Song Selector window.

Ever wished you could enter notes 'on the fly' without painstakingly moving to each line? Easy, just move the cursor to the required track, select your instrument, click Play Block and start entering.

The D button beside STOP delays playing until you next enter a note, while the NRM cycle gadget on the far right slows playing to half or two-thirds speed, a welcome feature for those complicated melodies.

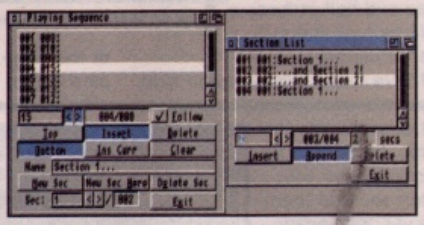
Try switching Chord on (beside Space), move to track 0 and hold down several notes at once. Yep, they're entered across consecutive tracks. If there's a particular track you'd like to prevent Chord from using, click On/Off (beside Chord) so that it shows Select, then click on the appropriate blue track number. These are known as the 'selected tracks', and are also used in Paste To Selected Tracks (Edit menu) and the Transpose window's affected area.

And so the tour is complete! Until next month ... ■

Ed Wiles

▲ Use Chord to play consecutive tracks. If you don't want one particular track played click on select and highlight that track number. Simple really.

Playing Sequence Revisited



We never properly looked at the Playing Sequence window, did we? As you might already know, it's the order in which a song's blocks should be played and is opened using the main screen's Sq button. Adding blocks to the list is a bit fiddly. The best way I've found is to click Bottom (moves the white marker below the sequence), then Insert (duplicates the entry above the white marker), then change the newly-inserted line to the required block number using the two arrows directly below the sequence (or type the number into the numeric box beside the arrows).

You can in fact create more than one playing sequence, by stringing together a number of sub-sections. You can break up a song into, say, two sections, create a sequence for each of these sections, then tell *OctaMED* to play section one twice, section two once then section one again (or whatever). This sequence is called the Section List, and has its own little window which we'll meet later.

Let's try this: load in Jungalistic and let's remix it into two sections. Open the Playing Sequence, then click Clear (answer Clear in the requester). Only one entry remains, block 000; change it to 008 by typing eight into the box directly below the sequence's bottom-left corner. Now using Bottom and Insert as described before, add the following blocks to the sequence: 010 008 015 013 013 012 012. Name this section something apt (Section one, for example) in the Name box.

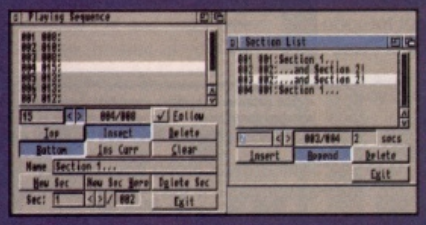
To add a new section, click New Sec (bottom-left) then select it using the > button at the bottom. Change the 000 to 014, then close the Playing Sequence because there's a slightly easier way to enter a load of boring old blocks. Oh yes! Open the Block List (Block menu), and reopen the Playing Sequence. Now in the Block List, scroll down to block 014 and click on it. Then click App To Seq. See 014 appear in the Playing Sequence? Do the same for the following blocks: 016 016 001 001 002 002 007 019. Name this section too.

One more thing to do: create the section list. So close both windows and open the Section List with the Sc button (below STOP). Click the Append button three times to add more entries, then click on entry 2 and change it to 002 using the > button. Do the same for entry 3 and we should have 001 002 002 001. Finally, open the Playing Sequence again, drag it downwards slightly to reveal the Play Song button, and play the song. Marvellous!

The Notation Editor

Yes! Music readers everywhere should dance with glee for *OctaMED* can display music in traditional notation. It's only really suitable for very simple pieces so, if you read music, let's enter the first bar of Mary Had A Little Lamb. Clear the song first, and load that AcGuitar sample featured on October's cover disk. Making sure Edit is off, select Display menu -> Notation Editor.

Click on one of the staves and the pointer turns into a quaver, with the Notation Control window's Note box briefly displaying the note you clicked. Firstly *OctaMED* needs to know on which track to enter notes, so click 0 in the bottom-right row of Select buttons. Now switch Edit on, then holding the left mouse button, move the mouse vertically over the big blue cursor until you find E-3 (bottom line of top stave). You should come across stylophone-like noises in the process. Release the mouse button and an E quaver should be perfectly placed.

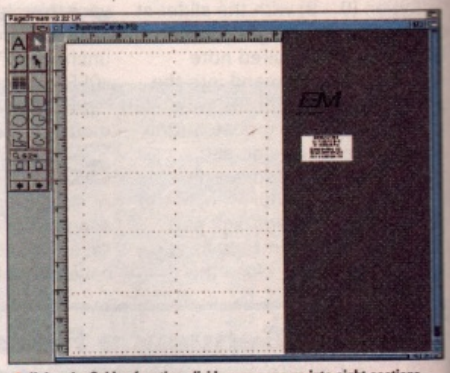


Repeat all this for the following notes: D-3 C-3 D-3 E-3 E-3 E-3. Before the final E-3, change the quaver into a crotchet by clicking on the crotchet symbol (fourth from right on the window's left). Press left arrow to move back into the first bar and your stave should look something like the screenshot. Don't worry if it doesn't, play the block anyway. How about adding a harmony? Select track one at the bottom-right, then enter G-3 F-3 E-3 F-3 G-3 G-3 G-3. Notice track 0 being ghosted? This is vital if you're to make any sense of what's on the staves. As ever, press Help for more info (it's filed under Main Screen).

Pagestream 2

PART 3

Goodbye spell checking blues and hello to professional-looking business cards as we continue our PageStream stationery set.



▲ Using the Guides function, divide your page up into eight sections.

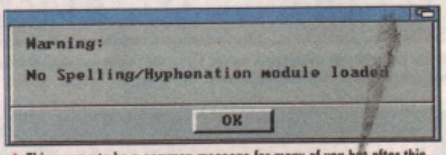
This month we take a look at creating a business card as well as a revealing lesson in how to get the spelling checker to work. Some readers have written to me complaining that it doesn't work (it does). Refer to the Spell Checking panel for the solution. Now that we have the spell checking out of the way, let's take a look at the creation of a business card.

To start off, create an A4 page by choosing New from the File menu. This page has to be divided up into eight equal parts using the guides function. Make sure you take into account the outside margins your printer requires. With these guides in place, you now have a set of borders to work within. Business cards come in all shapes and sizes but a good size to start off with is one three and half inches wide by two and a quarter inches high.

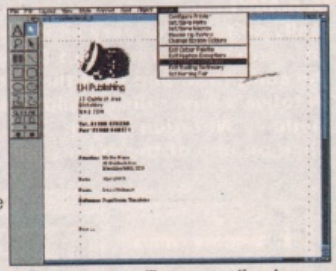
Move to the top left-hand side of the page and create a single card within the guides. This

Spell Checking

There are two main problems that many of you seem to have when it comes to using the spelling function. One is that the Hyphenation and Spelling module is not loaded when you go to check some text and the second is getting it to check your spelling once the correct module is loaded. To fix the first problem, make sure you have installed the files from the *PageStream* Extras disk into the drawer where *PageStream* is located on your hard drive.



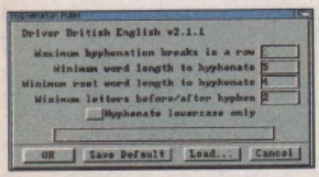
▲ This seems to be a common message for many of you but after this month's tutorial, you won't need to look at it again.



▲ The gateway to spelling some text if you have installed PageStream onto your hard drive is to first choose 'Set Hyphenation Rules' from the Global menu.

If you want to check that you have the correct files loaded, use a file manager to make sure the file 'UKSpelling.Dictionary' is in the Spell drawer along with another file called 'English'. If they are, run *PageStream*. If they not, place the Extras disk in a floppy disk drive and use the hard disk installer to install these and the other files on the hard disk.

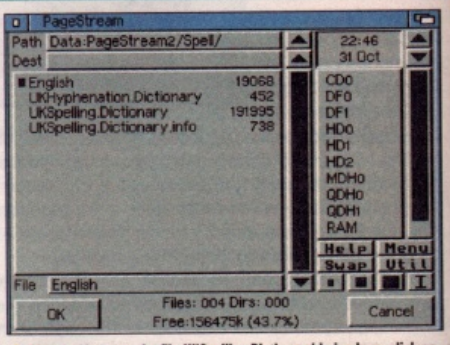
With *PageStream* up and running, choose 'Set Hyphenation Rules' from the Global menu. Click on the Load button and choose the file English. Click OK and then Save Default and the spell checker is ready to use.



▲ Click on the button called Load

Checking your text

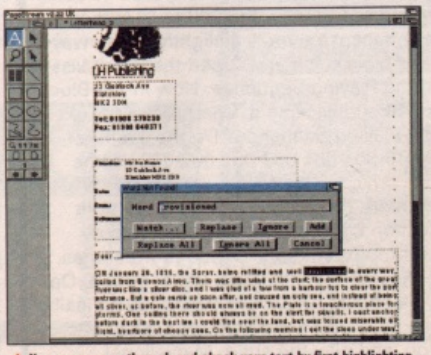
The next thing you will want to do is make sure it works. To do this, use the text column tool to draw a box and then type out some text or if you're lazy like me, import a text file from disk. With the text tool still selected, highlight some text by dragging the I-Beam over your text or choose 'Select All'. Now choose 'Batch Spell Checking' from the Text menu. The spell checker will now go through your text picking out words it doesn't recognise and letting you add them to a user dictionary or ignore them before moving on to the next unrecognised word.



▲ After making sure the file UKSpelling.Dictionary' is in place, click on English to select it and then OK. Then click on 'Save Default' in the Hyphenation Rules' panel.

Those of you using a floppy disk based system should have less trouble as *PageStream* is already setup. Before you can check a file though, the new dictionary has to be installed. On the disk called *PageStream2Disk2* is a drawer called Spell. In here should go the dictionary that you will find in the Spell drawer on the 'PageStream Extras' disk from November's CU Amiga.

Once you have copied the dictionary into the correct drawer, reset your Amiga with *PageStream2* Disk1 in the internal disk drive and when Workbench appears run *PageStream*. Place some text on the page as outlined above, highlight it by pressing Select All (Right Amiga-A) and choose 'Batch Spell Checking' from the text menu. The only difficulty you will find is that checking the text is very slow. This is because the dictionary is on a floppy disk, which obviously takes much longer to access than a hard drive. Why not do yourself a favour and get yourself a hard drive for Christmas? It will make life easier.

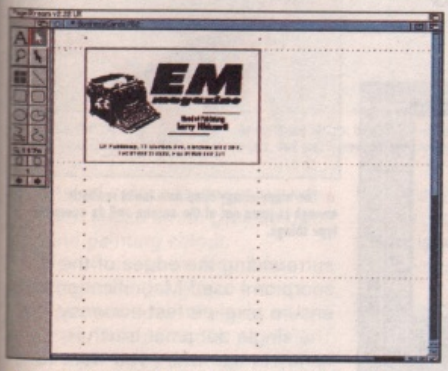


▲ You can now go through and check your text by first highlighting it and then choosing 'Batch Spell Checking' from the Text menu.

Speeding Things Up

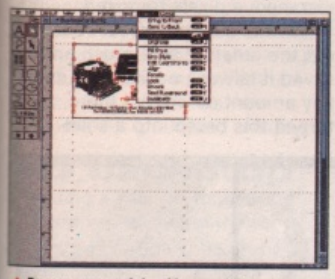
One of the things you may have noticed in the last few tutorials is how long it takes for the screen to redraw when you magnify an area of the page containing a bitmap graphic. This is easily fixed by turning off the Show Pictures option from the View menu. If this is ticked, then all the pictures in your document will be displayed, but if you select it and turn this off (no tick next to it), then the next time you refresh the screen by making a change or by clicking on a scroll bar, you will see that all the pictures are hidden from view.

No Dictionary? For those that missed the November issue of CU Amiga, there was a dictionary on the *AudioMaster* cover disk and CD-ROM. See that issue for full instructions on how to install the items for use with *PageStream*.



▲ Create a single card in the top left corner of the page and place a border around it to match where the guides are. If you have 'Snap To Guide' on, this last action will be dead simple.

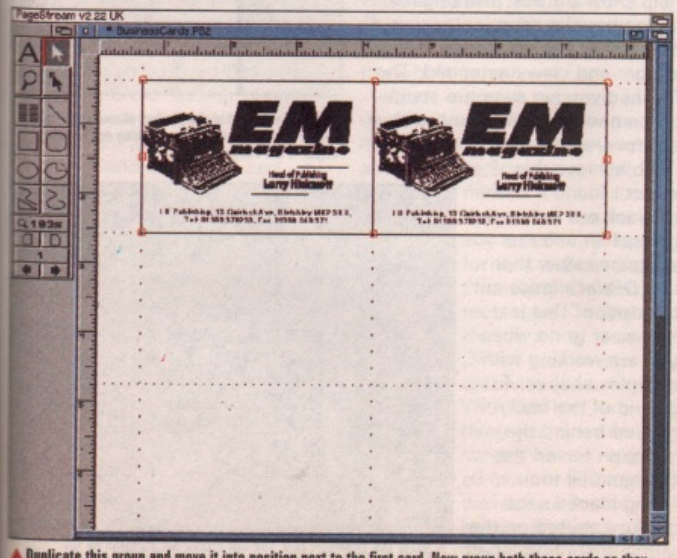
would normally be a mixture of text, pictures and structured graphics drawn using *PageStream*'s drawing tools. With the Pointer tool selected, drag a net around the elements making up the card. Now choose Group from the Object menu. This group can be moved around as if it was one object. To help with the duplication, create a box the size of the card. Make sure Snap to Grid is on.



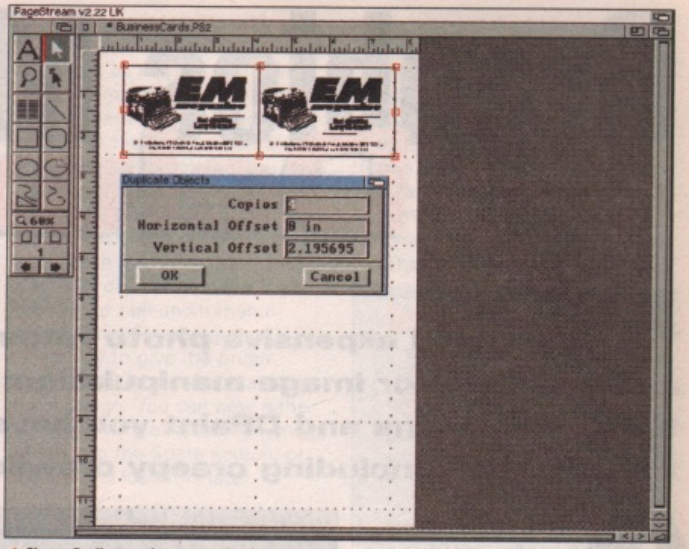
▲ Drag a net around the objects and then choose Group from the Object menu.

Once you have grouped one card, make a clone of it by selecting it so it's active and then press 'Shift Right-Amiga D'. Move the second group into position alongside the first one. Group both cards and with that group selected, press 'Right Amiga D'. You should have the 'Duplicate Objects' panel visible on-screen.

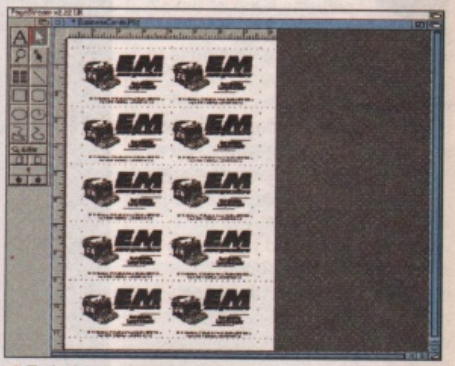
Four more rows of cards are required to complete the page, so the number four is typed into the Copies text gadget. The Vertical offset is set so the figure is equal to the height of a single card. The Horizontal offset is set to zero. To find out how high a single card is, make sure all the elements are ungrouped and select the border that surrounds one of the two cards. Press 'Right Amiga-E' and in the panel that appears will be all the coordinates for that box.



▲ Duplicate this group and move it into position next to the first card. Now group both these cards so they can be treated like one object.



▲ Choose Duplicate and create another four rows with the vertical offset being equal to the height of the cards. Make sure Horizontal is set to 0.

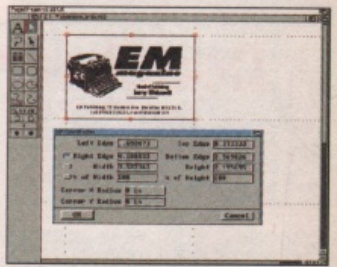


▲ The border around the edges is not necessary anymore and so can be deleted. Before you do this, you will need to select all the cards and choose Ungroup from the Object menu. You cannot get back what you delete, so make sure that when selecting a border to delete, it is only the border and not a group of elements.

Having entered all that information into the Duplicate Object panel, click OK and *PageStream* will create the rest of your cards for you. As you can see, once you have one card, creating the rest is easy thanks to the Duplicate Object function. ■

Larry Hickmott

▲ Because screen drawing can be slow with pictures on the page, choose View/Show Pictures to turn them off so when you next refresh your screen, all the pictures will be hidden.



▲ To get the height of your card, select the frame and then choose Object/Edit Coordinates. The figures in the height gadget will tell you how high a single card is.

Want to know more?

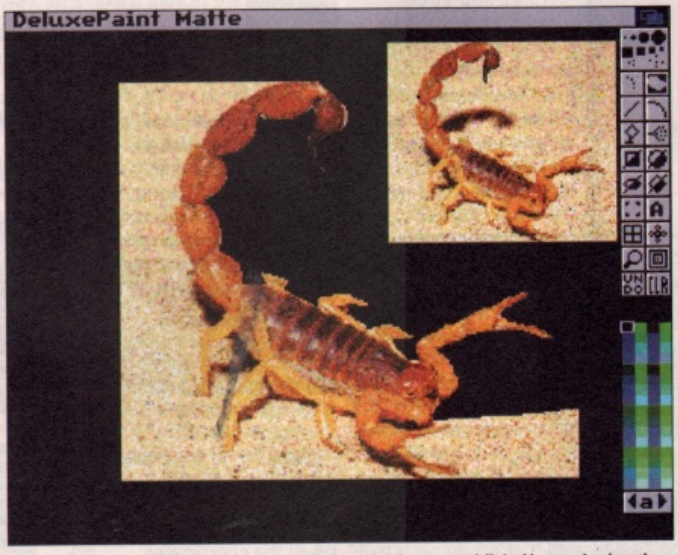
Don't forget these tutorials are written for your benefit. I have received a number of letters saying how much help they but there must be plenty more of you who want to learn new things about this first-class desktop publishing program. If so, write to me at LH Publishing, 13 Gairloch Ave, Bletchley MK2 3DH or E-Mail me at larry@em.powernet.co.uk and we'll try and squeeze your queries into the following tutorials in CU Amiga.

Graphics Masterclass
Deluxe Paint

You don't need expensive photo retouching hardware and software for image manipulation; if you've got the time, your Amiga and DPaint you have the power to transform all; including creepy crawlies.

▲ The nippy-stingy chap now looks realistic enough to jump out of the screen and do scorpion type things.

Look at any consumer magazine and you'll see it's full of eye-catching pictures. One of the most common ways to make images look more interesting is to give them a shadowy 3D type effect which gives the impression that the picture is floating off the screen or page. Magazines use all kinds of expensive hardware and software to manipulate images in this way. But you can you do it with your Amiga and turn it into a picture editing desk once you know how to simulate the techniques which would have, otherwise, cost thousands to produce. For this tutorial we'll be looking at how to produce a 3D and keyhole blend effects.



▲ Separating the image from the background needs care and patience, especially in this example where the colour of the sand and the scorpion are very similar. Use magnification for fine detail as you fill areas with the background colour using freehand fill mode.

We can do it

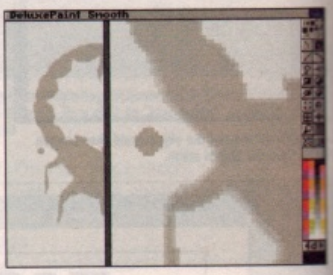
Many high-end high-cost drawing packages have graduated shadow options. *DPaint*, however, doesn't have these but it does have the techniques to help you simulate similar and all kinds of other special effects.

▲ The bas-relief text and a simple frame add to the 3D effect we were striving for.... but this is only the start.

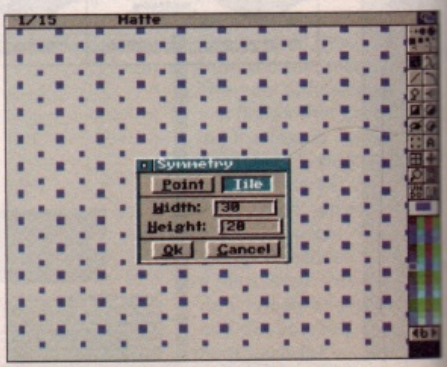
I chose a complex shape to help show off this. The original image has the scorpion posing on a sandy background with its stinger and claws extended. The finished version sees the scorpion on a white background with a shadowy effect behind him.

To achieve this effect I found it easier to blank out the background around the scorpion rather than use *DPaint's* lasso cut out option. This is a lot easier to do when you are working with complex shapes. To get rid of the background behind the scorpion I used the freehand fill tool. Using black as the colour I started on the larger areas first. Then for the delicate areas surrounding the edges of the scorpion I used Magnification to ensure pixel-perfect accuracy. The single dot paint brush is handy to use when you want to make sure all that's on screen is the final image you want with the extraneous pixels removed.

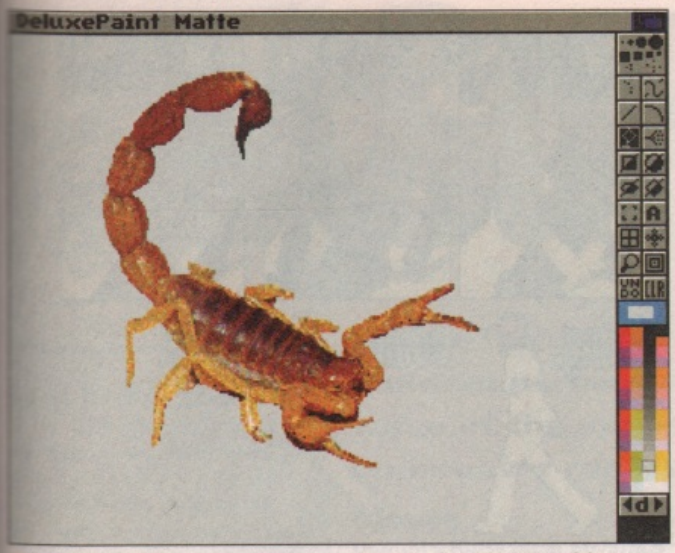
For the shadow effect I cut out the creature as a brush and saved it (always a wise idea after any amount of work). I then turned this brush into a solid



▲ An enlargement of the shadow showing the subtleties of anti-aliasing and smoothing on the hard-edges of the image.



▲ Using the Symmetry tool, you can create tile patterns on the whole screen. This will be the basis of our rather natty two-image transition – honest!



▲ Here's the critter in all its glory – an intricate shape, but worth the effort and patience needed to separate it from its surroundings; he's easier to see, and much more pointy and menacing now.

'matte' of colour by pressing key F2, and chose a mid grey as foreground painting colour.

Next I turned on high Anti-aliasing from the Effect menu, and painted down the grey silhouette. This particular painting technique gives the edges of the image a soft, graduated look and avoids stark colour transitions. To enhance this effect I used a medium round brush in Smooth mode to edge around the image and further soften, or 'feather' the picture, which has now become our graduated shadow.

3D backdrop

Creating a nice 3D look to the picture was a simple matter of loading the original brush back in and offsetting the scorpion slightly to the top and right.

You'll notice that part of the text has been given a 3D look using a technique called bas-relief. We've covered this method before, but for those of you are new to concept it's a case of using the same text brush to add dark, light and background colours on top of each other, slightly moving the brush a pixel each time before painting.

Peephole spy

The scorpion image was only half the story; it is one of two graphics needed for an animated title sequence. And our second tutorial takes us again into the realms of simulating a popular high-end transition, a keyhole blend.

This effect works by gradually revealing one image 'through' another as symmetrical holes enlarge, eating away at the prime image whilst revealing another one underneath. It's called keyhole because of its ancestry, in the old silent movies people were led through an on-screen door keyhole to spy on what was happening inside a room. The keyhole would enlarge to expand the interior scene onto the whole screen.

Apart from our two images – the initial one loaded into the main drawing screen, the secondary in the Spare area – all we need is a full-screen brush. You can have any repetitive shape for this; I chose a simple example, small rectangles. To speed the job along I used *DPaint*'s symmetry tool with Tile active. With this tool, anything you draw on screen will be repeated in an invisible grid; draw one box, a score appear on screen. By drawing two sizes of rectangle in different places, the screen fills with a regular pattern.The whole screen is cut out as a brush and saved. Now the main and secondary images have to be loaded in.

▲ Ooh, a nasty spider. Watch how our scorpion transforms into one of these in just a few steps.

TIP: If the images do not share the same palette, you have to convert them. The quickest way to do this is load the primary image, then load the secondary as a brush (provided you have the RAM of course). Now from the Colour pull-down menu select Brush/Remap and let *DPaint* try to give the brush image the same colours as the main image. You can now either paste down the full-screen image brush into the Spare screen, or save it and load it in later.

Creepy crawly

We're now at the starting point of the animation; the scorpion is on the main screen, the spare screen holds the tarantula image which will be revealed and the current brush is the full-screen symmetrical image of small rectangles with a transparent background.

I use 20 frames for a short-burst animation effect such as this, so from the Main screen select Anim/frames and set the number to 20 (or whatever you prefer; the larger the number, the longer the sequence will last).

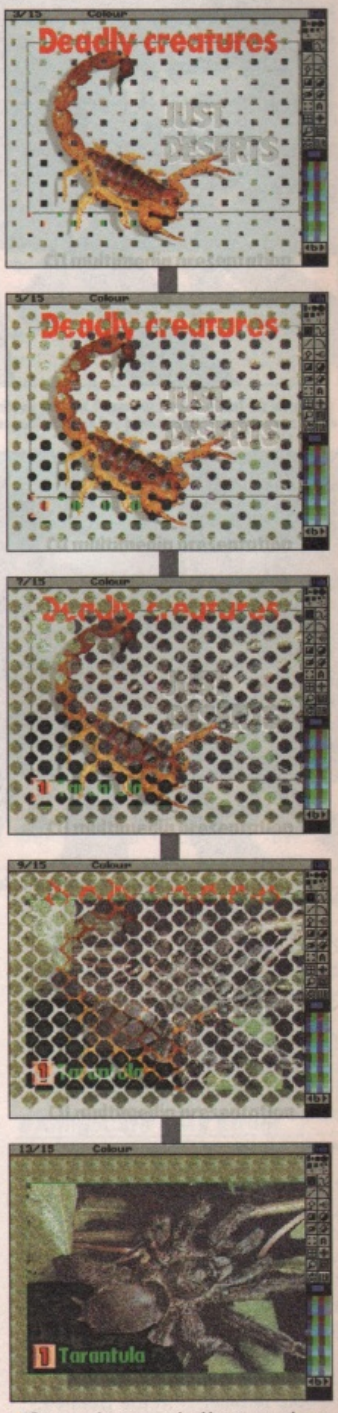
Turn on the Grid function. This means your symmetry brush will be locked into position, which is vital as we have to accomplish the effect manually and the brush shouldn't move between frames.

You should have frame 1 of 20 showing now. Advance a frame (key 2) so we can begin the effect (the first frame should show just the first picture). From the Mode menu, select RubThru; the symmetry brush will show the Spare picture 'through' the main image. It's quite slow because of the amount of work the old Amiga is doing, but bear with it!

Once the brush is in position, click on the left button; the see-through portions of image 2 will be painted onto the main screen. Now repeat the following steps until you reach frame 19.

1 Press O to outline the symmetry brush. An extra pixel's worth of colour is added to the rectangles, effectively enlarging the see-through area.
2 Press key 2 to advance to the next frame in the sequence.
3 Left click the mouse.
4 Go to step one. When you get to frame 19, your brush should show almost all of the secondary image. If not, you need to press the Outline key a couple of times in between frames. On frame 20, copy the spare screen image onto that frame, so the last frame in the animation shows the whole of the Spare screen image – in our example from scorpion to tarantula.

That's the heart of the effect,



▲ From scorpion to tarantula; this sequence shows how the RubThru mode and a gradually enlarging symmetrical brush allows more of the alternate image to show as the animation progresses.

▲ Why did the Fab Four cross the road ? To make an album of course. Here's the original Abbey Road album cover. You can create moving and powerful images using your Amiga ...

▲ Here's the same image with John Lennon removed. Can't see the join, can you? And so John Lennon is sadly lost forever.

but it leads on to exciting possibilities because you can use any shape as your see-through brush – silhouettes of countries, text, faces. This core effect can be used over and over to give you just the transition you need for some eye-catching animations.

The fab three

Graphics are great for making a point. One image can tell a story, ask questions and generally make you sit back and take notice. I think my piece of electronic picture editing of the Beatles does just that.

The starting image should be instantly recognisable to most people familiar with the Beatles. It's the cover from the band's Abbey Road album, with the group striding across a zebra crossing on Abbey Road. Using some fancy trickery, I removed John Lennon from the image. I think that there's now an uneasiness to the picture and the Amiga is such a powerful image engine that it's virtually impossible to see where he was in the picture. How's it done then?

It's all a case of using what's already available in the picture. You can't choose colours and paint realistic-looking portions of the road or pavement; instead you utilise the power of computer art and cut out small brushes from the picture and paint with them. The trick here is to use representative samples of the area to be duplicated, and once painted down, use *DPaint*'s Smear and Smooth modes to integrate your new work into the original. If you use the lasso cut to clip a brush you avoid the squareness of standard rectangular brushes.

In this example, here's exactly what I did: Knowing that a brush of John would come in useful for other projects (as yet undreamed of!) I cut him out of the original in exactly the same way as the scorpion from the earlier example – by nibbling out the background to leave just him.

Using his image as a brush it was then simple to re-load the original picture of the album cover, and just right click his image on top of the picture, blanking him out totally. It was then just a case of using clipped brushes from the background area to fill in where he was. The road was tricky in that it contains different textures across its width, but care and magnification mode helped.

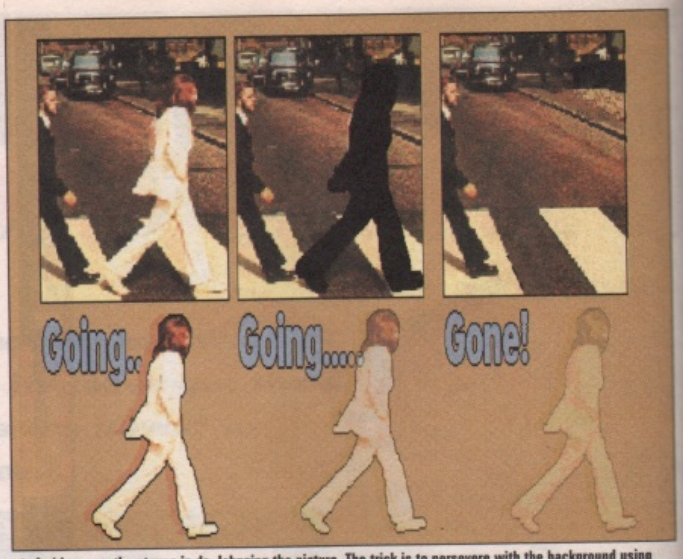
Provided you have enough background material to work with, this should apply to any photographic removal you might want to do.

As for uses, apart from the striking single image I think we have here, you could animate the whole thing by having John come to life and stride off the screen, leaving the background as it would appear.

Animating the character would just be a case of working on the legs, bending and flexing them over four or five frames to simulate movement.

Alternatively to create another moving image you could simply have him fade away using *DPaint*'s superb Translucency option, increasing the value of transparency as the animation progresses. ■

Peter Lee



▲ And here are the stages in de-Johnning the picture. The trick is to persevere with the background using DPaint's array of drawing tools. The article explains exactly how you can do it.

How The Others Do It

Removing sections of a picture can be done just as well with other paint and image processing software. Here's how you could achieve the same effect with either *Photogenics* or *Image FX*.

Photogenics: The 'Cloner' tool from the Drawing Modes menu is the key. This allows you to clone an area of the picture by drawing over the part you want to replace. Select this from the Modes window then click on the Mode Options button.

Next you need to move the pointer to the 'source' area of the image (the part you want to duplicate) and then hold down the left mouse button.

Now move the pointer to the 'destination' part of the picture (the part you want to replace). When you draw over the destination area, the graphics from the source area will now appear.

Image FX: With *Image FX* the process is called 'Pantograph'. This was covered in part five of the *Image FX* tutorial from the November 1995 issue. Here it is again in brief ...

Select Pantograph from the drawing options menu, move the pointer to the source area of the image then hold down the ALT key and click the left mouse button. Now when you paint over another part of the picture, the corresponding graphics will appear from the source area.

Surf's up!

Amiga Technologies goes bilingual, Demon gives one hundred percent and AmigaCafe goes Effent. Just some of the stirrings on the internet as reported by our undercover reporter Net God.

Net God speaks

Why is it that so many Amiga users who surf the 'net use PCs to do it? I've been criticised for suggesting that Amiga Internet software (PD) is not up to scratch but that wasn't my intention at all. In fact instead of having a moan about what we haven't got, I'd like to take the festive season as a cue to draw attention to what we do have. The Amiga has absolutely brilliant Internet connectivity. Every area of 'net usage is covered and often with many top competing shareware Internet clients in the same stakes. News, Mail, IRC clients abound with each being the equal of what's available on the PC. Even top class WWW browsers, for a long time a weakness, are in the works at last. Once that dial up link is made, an Amiga Internet user can be delivering E-Mail, slurping news, logged on to a couple of IRC channels and IPhoning a mate all simultaneously. The Amiga's usual seamless Multitasking really comes into its own on the net. So if you're using that lil' old DOS box for your 'net stuff, why not spend some effort setting up the Amiga side of things. The PC can then be left to hold the door open for Santa. Windows should cope with that.

News

Demon's100% local coverage

Demon Internet Services are the first Internet provider in the UK to achieve 100% UK local call coverage. This means that it's possible to dial into Demon from anywhere in the UK at the cost of a local call. This aspect makes Demon yet more attractive especially for Amiga users for which Demon provide unparalleled support. Recent criticisms of their performance (bottom ranking in the Internet Magazine provider trials) are apparently going to be addressed shortly with added investment stemming from the cash generated from their limited issue of shares. For more information call Demon on 0181 371 3100.

Thor 2.2 released

The Amiga's premier integrated News and E-Mail browsing software has received a major update. Split into three separate archives, Thor 2.2 can be found on all Aminet mirrors in the comm/mail directory. 'thor22_main.lha' contains the essential bits for all types of networks. 'thor22_inet.lha' contains the Internet modules necessary to get Thor to interface with your Internet service provider. Finally 'thor22_bbs.lha' holds to key to getting Thor to function as a Fidonet type browsers for BBSes etc. Check out the tutorial on page 108 to find out more.

AT WWW page goes English

Amiga Technologies have taken some flack from Internet users because their WWW site has only been in German. A strange move given the global nature of the Internet. Fortunately, the site now incorporates English and German on the same set of pages. In the English version there is a guide to

the Amiga product range, Petro Tyschenko's Video Toaster Expo speech and the press release containing the announcement of the move to PowerPC 604 CPUs. The site may be fairly drab graphics wise but serves the purpose of being an outlet for Amiga Technologies statements to the public. Try it yourself at http://www.amiga.de.

This move comes after Amiga Technologies announcement at the developers conference in London earlier this year, that developer support would be carried out via the Internet rather than CIX as Commodore used to do.

Zeus details correction

Unfortunately an earlier Surfs Up mention of the Zeus Pro release had the wrong contact details. Recapping, Zeus Pro is a new UK developed BBS host package with many powerful features not found anywhere else such as Arexx menus, Hydra, RIP, Fast mail tossing, Internet support and full GUI configuration editing. The correct details to get in touch with the Zeus authors is as thus; FidoNet: 2:441/58.0, AmigaNet: 39:139/22.0, E-mail: zeus@mistral.co.uk, BBS: spa..58 01273 474352 and WWW: http://www.mistral.co.uk/zeus/ If you are thinking about setting up a BBS system or upgrading from your existing software, you'd be well advised to drop the Zeus team a line.

3D objects for Aminet

Urban Mueller, boss of the Aminet, was very busy at Computer '95 in Cologne, Germany but he took time out to talk when I caught up with him to ask what his plans were for the Aminet. Urban said, "At the moment we have no 3D objects for rendering packages, which is a shame for an Amiga FTP archive. I plan to upload a few hundred megabytes of objects in a common Amiga format to get it started". The format was yet to be decided but Urban was seen dealing with Maxon to obtain a copy of their excellent Magic Link package to perform the conversions. Good news for comms connected render-heads, I'm sure you'll agree.

#AmigaCafe goes Effnet

The alternative IRC channel for Amiga users, #AmigaCafe has now obtained a 'bot that gates the channel from Effnet to Undernet meaning you can use either type of server. #AmigaCafe was set up to provide an alternative for the Effnet #Amiga channel. It's intended to provide a friendly meeting place for Amiga users without any of the antagonism that often occurs in #Amiga. Drop in and see for yourself. ■

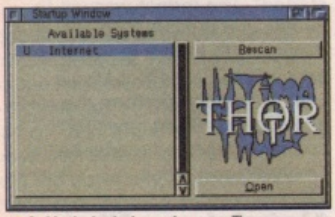
Wired World

PART 6

The E-Mail and Usenet News browser Thor comes under the spotlight this month.

While steps are being taken to make the Web more interactive, you still can't beat Usenet or even good old fashioned BBSes for interactive communication. Whether you just want to chat about general topics or ask a technical question, a message-oriented system such as Usenet or Fidonet is what you need and, thankfully, the Amiga is well served in the area of message reading software.

Thor 2.2 is best of this type of software around. Written by the Norwegian company Ultima Thule Software (thor@hstud6.cs.uit.no) it is" an advanced multi-format off line reader, supporting the QWK, Fido, UUCP, SOUP, Bluewave, Omen, ABBS, MBBS and Hippo (BBBS) message formats. It will also handle TCP-connections with NNTP, SMTP and POP3."

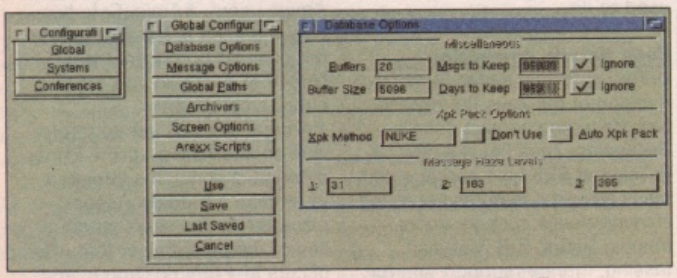


▲ And in the beginning ... there was Thor.

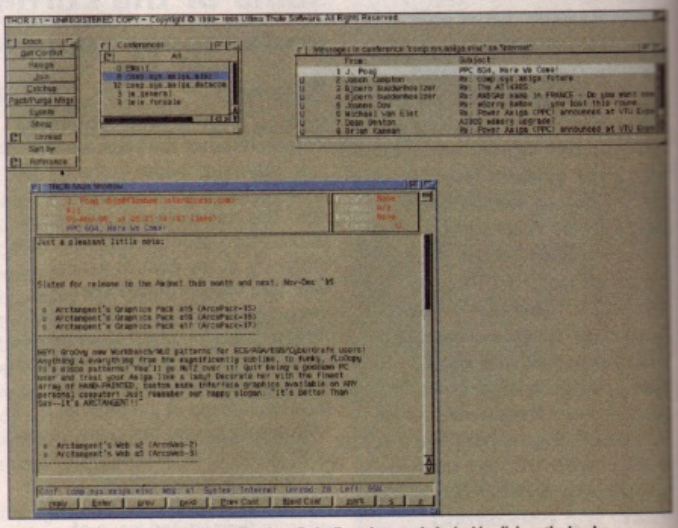
Where from?

You can download *Thor* from any Aminet site on the Internet (in the comm/mail directory). Downloading is simple enough, as *Thor* is made up of three parts; one has the main program, another the Internet support and a third has the modules for the other mail formats it supports. Once you have downloaded these you need only extract the main archive. Handily, in spite of all its features it still only takes up 2.5Mb you won't need to free up too much space on your hard drive.

With the QWK and Fido systems, you must figure out how to download the mail bundles yourself (using something like *Trapdoor* for Fido, and a simple ZModem download for QWK). However, TCP already has a handy little utility called ConnectThor. More about this later.



▲ In the database configuration screen you can control the amount of messages Thor will store.



▲ To read a message, once you have Thor installed, all you have to do is double click on the header.

How's it work?

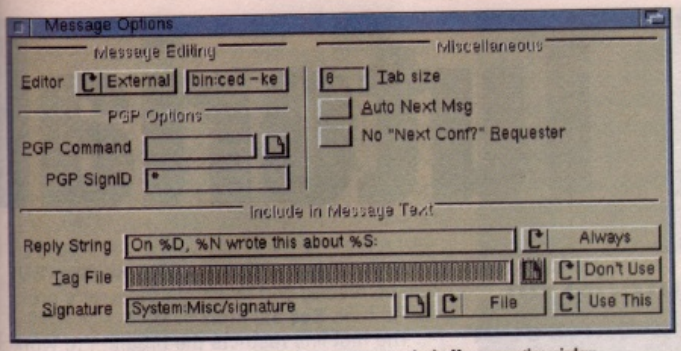
How Thor operates is simple. It organises its message base into systems. Each source of mail has to be assigned a system and you must configure each system before you can read messages. For instance, you may get Internet E-Mail and Usenet news from your Internet provider, receive Fidonet echoes from a BBS 'mailer' or via a 'QWK door'. To do this, you set up a system for TCP/IP, QWK and one for Fidonet. For the purposes of this tutorial I'll be showing you how to set it up to read mail and Usenet news.

Up and running

To run *Thor*, you must configure at least one system. When you try to run it *Thor* automatically loads the configuration program. So, in order to create our mail reading and Usenet news, select Global to bring up another window with some more options in it. Click on Database Options to set a limit on the amount of messages *Thor* will store. You can even choose an XPK compression method to save space. Remember, a compressed message base will be slower. If you want to use compression and have the XPK (eXternal PacKer) libraries installed in 'LIBS: Compressors', you can type in the four-letter name of the system you want to use, otherwise select the 'Don't Use' check box.

While *Thor* comes with a basic text editor built-in, most people will want to use their own preferred one. This can be done by by going into the Message Options window and changing the Editor cycle gadget to External and selecting the editor you wish to use using the file requester. Bear in mind that if you are using an editor that automatically detaches itself from the CLI such as *Cygnus Ed*, you must disable this feature.

Other options in this window include a signature (a string of text or file that is added to the end of each of your outgoing messages), a tag file and a reply string. Thankfully *Thor* has



▲ Signatures and reply strings are easily added to your messages in the Message option window.

excellent on-line help. If you are baffled by any part of the program, simply press the Help key and AmigaGuide help relevant to the currently selected window will appear. Very handy.

Once you have the Message Options configured, the next important thing is to save your configuration. You may want to tinker with the 'Screen Options', where you can select what screen mode and fonts you want to use as well as an optional backdrop picture (just like Workbench) but it isn't essential to getting your mail read.

With your config saved, move onto the Systems configuration. Click on the New button and give it a name, something like 'Internet' or 'Demon' is fine. Then select TCP from the list on the right, followed by Type Options. This is where you fill in the particulars of your setup making sure that you include your IP address of your POP (Post Office Protocol) mail server and your NNTP (Network News Transfer Protocol) news server, Eg:news.demon.co.uk. Once these are entered, click on Save. Next, fill in your personal details in the User Info window and then close all the configuration windows.

Make the news

We still have one more thing to do before you are ready to go online and download your news. Double-click on Internet (or whatever you called the system) in the Startup Window. You will now be presented with a blank message window. This is OK, as we haven't received any news yet. From the Windows menu, select Dock. This will open a handy toolbar like dock window, select Get Conflist from this window. This tells *Thor* that you want to download a list of all the newsgroups next time you go online. It can take a long time, but you only have to do it once. Now quit *Thor* since we are ready to go online and retrieve some news.

Linking up

After starting *AmiTCP* and linking up to the net, load up *Connect Thor* (in the *Thor* directory). This is a program that manages the transfer of mail and news from your Internet provider's machine to *Thor*'s message base. Click on Send Events. This normally sends any mail or news you have written to the relevant server.

Seeing as we haven't entered anything yet, you might wonder what we are doing this for. Well, *Thor* also treats things like the request to download the newsgroup list as an event, so when we click on this, *ConnectThor* will contact the news server and download the newsgroup list.

After the download has finished, click on Browse News. This brings up another window, where you select exactly what articles in which newsgroups you want to download. First, select a newsgroup by clicking on Group List and double-clicking on the group you want in the window that opens. Pick something like comp.sys.amiga.misc, as this is bound to have a good few articles in it. *ConnectThor* tells you that it has joined the group, now we must get the article headers from the News server, so click on Get Headers. After a few seconds, a list of all the articles in the newsgroup; detailing size, subject, and author; will fill the main part of the window. If there is an article you fancy reading, just click on it. Repeat this for all the articles you want to read, scrolling through the list if necessary.

When you've selected all you are interested in, click on Get Articles. Repeat this procedure for any other groups you might be interested in. If this is a bit tedious having to manually select each article you want to read, then take heart, as it is possible to subscribe to a group. Then you simply click on Get News in *ConnectThor*'s main window. More on this later.

Now when you load *Thor* again and select the Internet system, you will be brought into the first message in the first group in the list. If you have a big enough screen, you can also open the Message list and Conference list windows (from the Window menu) for easy navigation between articles.

If you want to become a regular reader of group, and want to download all the new articles in it each time you go online, then simply select Join Conf from the Event Commands menu. For batch downloading of all the conferences you have joined, you simply click on Get News in *ConnectThor*'s main window, as mentioned above.

Arexx friendly

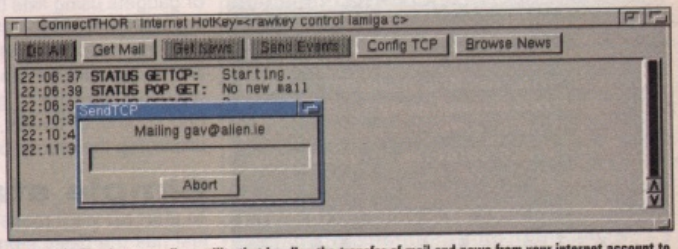
What really makes *Thor* shine, though, is its excellent *ARexx* support. Most of us don't have to time to tinker around with scripts much, so the feature would be wasted except *Thor* comes with a wide selection of well-commented scripts that enhance an already excellent package.

One of my favourite *ARexx* scripts is SortMail. Many Amiga netters are on the Aminet daily mailing list (which sends you a list of the new uploads to Aminet each day). SortMail automatically adds Aminet's files to a database and uudecodes any other binary mailing lists. If you read a lot of the binary newsgroups, it can be a pain saving out each article separately and uudecoding it by hand. With *Thor*, you simply press a function key, and the article is decoded to a directory of your choice. The script can be made unarchive any resulting archive or display a decoded picture. This is right up there with what the best of the Windows and Macintosh news readers can do and it is heartening to see such quality in an Amiga application. ■

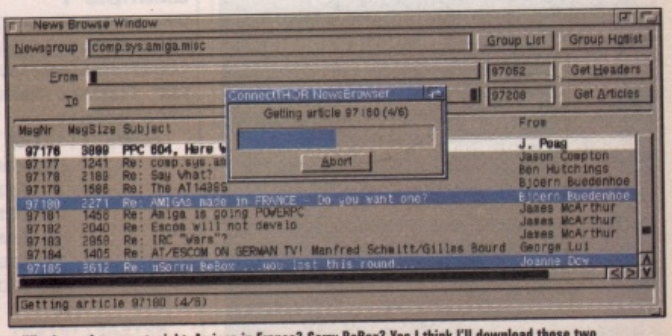
Colin Dalton

Killing twits

The Kill/Emphasise Database is one of Thor's more advanced features. This is like a kill file or twit list, but with a difference. You can choose to filter out messages to or from selected people, or messages with a certain subject, or even messages containing certain text strings! The opposite is also true. You can emphasise messages so that the words "* This is an Urgent Message ***" will appear at the top of such messages. They can also be set to stay in the message base longer than normal messages, ie they don't get deleted at purge time. Very Handy.**



▲ ConnectThor is an excellent utility that handles the transfer of mail and news from your internet account to Thor's message base. It's available with TCP.



▲ What's on the menu tonight. Amigas in France? Sorry BeBox? Yes I think I'll download those two messages, they look interesting.

Amiga E Tutorial

PART 1

In the first of a three-part tutorial on Amiga E, our excellent December cover disk, we begin our quest to create a rather handy text finding tool.

Have you ever found yourself endlessly searching for a vital piece of information in amongst a huge directory full of files? And have you thought that it would be good if you could get your Amiga to search all the files for a certain line of text? Well, if you hang around for long enough you might be able to do just that ...

On last month's cover disk there was a full version of the powerful programming language *Amiga E* accompanied by a beginner's guide. Hopefully, if you've followed the manual you should have picked up the basics of the language. We'll now jump straight in at the deep end and over the next three tutorials you will learn how to create a text finding tool, and maybe learn a bit about some of the features of *Amiga E* in the process.

Jargon Busters

ACTION FUNCTION The name for function when an EasyGUI gadget is activated either by clicking on it (in the case of buttons and the like) or by hitting return or TAB in it (text/number entry gadgets).

EXCEPTION Usually an error message. When an error occurs, program control is transferred immediately to the nearest exception handler, which may allow the program to continue or eventually terminate it.

GADGET An area of a window that you can click on using the mouse or type in using the keyboard. There's usually an image or some text which symbolises the action of the object. A button and a scrolling list are both gadgets.

GUI (Pronounced 'gooey'.) Graphical User Interface. A collection of buttons and various other gadgets which serve to simplify interaction with a program.

LIST A sequence of 'LONG' typed values (which can include pointers, so you can have lists of lists, lists of strings, etc.)

MODULE The E equivalent of a C include or object file. A module may contain definitions of constants, procedures and E objects.

I've gone all GUI

First of all, the text finding tool we are going to build needs a GUI. This would normally be quite a complex task, but luckily *Amiga E* comes with an excellent module called *EasyGUI*. This will simplify the job enormously and will be the focus of this first tutorial.

EasyGUI (written by Wouter, the author of *Amiga E*) can be found in the 'tools' directory of 'EModules:' disk. Documentation and example files can be found in the 'Src2/Tools/ *EasyGUI*' directory on the extras disk.

The first thing to be aware of is that *EasyGUI* uses the GadTools library, so will only work with Workbench 2.0 and above. Sorry to all you die-hard Workbench 1.3 users, but you should still find the discussions of various *E* features useful and in the later tutorials we will be examining some of the standard Amiga system functions which apply to 1.3 users, too.

To construct a GUI using *EasyGUI*, you specify the relative layout of the gadgets and groups of gadgets using lists (lists are described starting at page 92 of the '*Amiga E* Guide'). We'll basically need two text gadgets for entering the search text and the starting directory. And then we might need some gadgets for various options and, of course, we'll need some way of displaying the results of the search.

Simple start

To start off we'll make a very simple GUI that just has the basic elements: two text gadgets and the command buttons. The resulting GUI can be resized and adapts to the user's preferred font. **See example 1.**

The first line restricts the program to work under V37 or above of KickStart (which translates to Workbench 2.04 or above). If you try to run the program under a lesser version then it will simply terminate immediately.

The second line includes the *EasyGUI* module so that its definitions can be used in the program. Several things being used in the program come from this module. They are the function 'easygui' and the constants 'EQROWS', 'STR', 'BAR' and 'BUTTON'.

The 'main' procedure is where the program starts. All it does is call the 'easygui' function with two arguments: the title of the GUI window and the description of the GUI as a list. The first entry in the list is 'EQROWS' and this defines a gadget group and arranges the following list of gadgets or groups of gadgets in rows, one on top of the other. The 'EQ-' prefix means that the width of each row will be made equal.

The first entry in the 'EQROWS' group is another list which describes a text gadget. This is the gadget which will hold the search text.

```
[STR,AVAL,'Find:',findstr,MAXSTR,10]
```

The 'STR' defines this gadget to be a text entry gadget (something you can type into). The next entry is 'AVAL', which is a constant in place of an action function. A proper action function will be added soon. The string 'Find:' is a label which will be placed to the left of the gadget to identify it to the user. The text gadget will take its initial value from the next entry, the E-string 'findstr', and it will automatically update this when the user hits return or presses the TAB key in this gadget.

To ensure that none of the text entered into the gadget is lost, the maximum number of characters that can be typed is set to the same as the size of the E-string, 'MAXSTR'. Finally, the relative width of the gadget is set to ten by

Example 1

```
OPT OSVERSION=37
MODULE 'tools/easygui'
CONST AVAL=0, MAXSTR=250
DEF findstr[MAXSTR]:STRING, dirstr[MAXSTR]:STRING
PROC main()
  easygui('Find String 1.0a',
          [EQROWS,
              [STR,AVAL,'Find:',findstr,MAXSTR,10],
              [STR,AVAL,'Directory:',dirstr,MAXSTR,10],
              [BAR],
              [BUTTON,AVAL,'GO!'],
              [BUTTON,AVAL,'Quit']
          ])
  WriteF('Find: "\s",  Directory: "\s"\n', findstr, dirstr)
ENDPROC
```

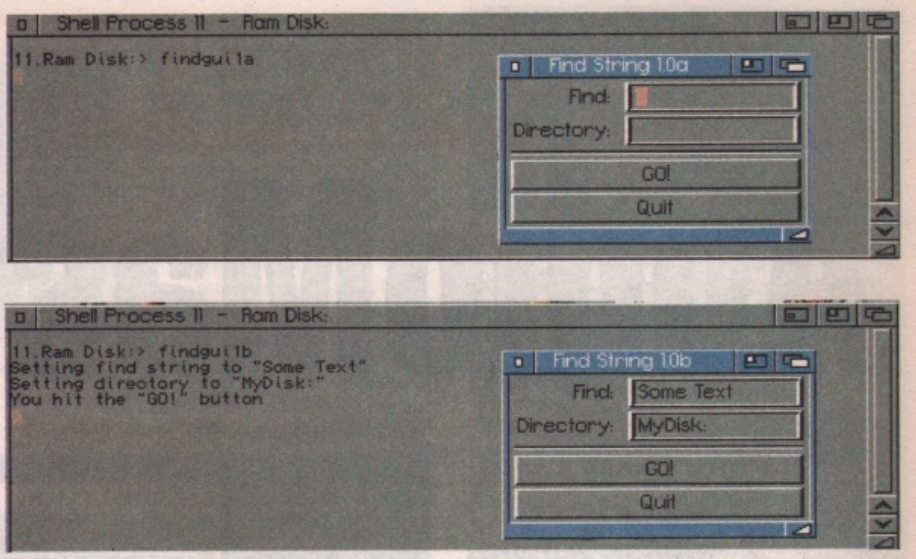
the last entry in the list (this size is initially in units of the height of the font used in the GUI).

Back to the 'EQROWS' group: the next gadget is a 'STR' gadget to hold the starting directory in the E-string 'dirstr'. Then there is a 'BAR' which is a very simple gadget: it's just a line and in this case it's a horizontal line (because it's in an 'EQROWS' group). This is used to visually separate different collections of gadgets. In our example, it separates the text entry gadgets from the command buttons.

```
[BUTTON,AVAL,' GO! '],
```

This describes a simple button, which has the text 'GO!' on it. Again, the constant 'AVAL' is used in place of an action function for now. The 'Quit' button is similar.

The final statement is executed after the GUI is closed. It prints out the contents of the E-strings used to hold the search text and directory. Because of the lack of action functions in this example, any activation of a gadget will close the GUI. (This includes pressing return or TAB in the text entry gadgets.)



▲ Here we are on our way to creating our text finding tool. It's easy when you know how.

Adding actions

For the final part of this tutorial we will add some action functions to the GUI. These allow us to take real control and act on the user's input. **See example 2.**

For the two text gadgets we need to supply an action function simply to stop the GUI closing when these gadgets are activated but for the command buttons we want to do some useful work as part of the action function.

The text gadget action functions (like 's_find') will be called with two arguments: 'info' (an identification of the GUI to which the gadget belongs) and 'str' (the new value of the text gadget). You do not need to copy the new string to 'findstr' since this will be done automatically. Generally, you would completely ignore the activation of a text gadget using an action function like this:

```
PROC s_ignore(info, str) IS 0
```

A button's action function (like 'b_go') will be called with just an 'info' argument. The 'info' arguments are of no interest in this example, since we have only GUI.

After an action function has successfully terminated the GUI accepts the next user input (i.e., it does not close like the first version which used 'AVAL' constants). If you want to make the GUI close from an action function you must raise an exception. Exceptions are a very powerful feature of *Amiga E* and are discussed in Chapter 13 of the *E* Reference Manual ('*E*.guide' in the 'Docs' directory on the main *Amiga E* disk).

The 'b_quit' function raises a non-fatal (i.e., zero) exception which is handled by *EasyGUI*. This makes the 'Quit' button work as you might expect. The 'b_go' function, on the other hand, does not raise an exception so it does not close the GUI.

Example 2

```
OPT OSVERSION=37
MODULE 'tools/easygui'
CONST AVAL=0, MAXSTR=250
DEF findstr[MAXSTR]:STRING, dirstr[MAXSTR]:STRING
PROC main()
  easygui('Find String 1.0b',
          [EQROWS,
              [STR,{s_find},'Find:',findstr,MAXSTR,10],
              [STR,{s_dir},'Directory:',dirstr,MAXSTR,10],
              [BAR],
              [BUTTON,{b_go},'GO!'],
              [BUTTON,{b_quit},'Quit']
          ])
  WriteF('\nFind: "\s",  Directory: "\s"\n', findstr, dirstr)
ENDPROC
PROC s_find(info, str) IS show('find string', str)
PROC s_dir(info, str) IS show('directory', str)
PROC b_go(info) IS WriteF('You hit the "GO!" button\n')
PROC b_quit(info)
  WriteF('You hit the "Quit" button\n')
  Raise()
ENDPROC
PROC show(s, t) IS WriteF('Setting \s to "\s"\n', s, t)
```

Example 3

```
  easygui('Find String 1.0c',
          [EQROWS,
              [STR,{s_find},'Find:',findstr,MAXSTR,10],
              [STR,{s_dir},'Directory:',dirstr,MAXSTR,10],
              [BAR],
              [TEXT,'Results:',NIL,FALSE,5],
              [LISTV,AVAL,'',25,10,NIL,FALSE,0,0],
              [BAR],
              [BUTTON,{b_go},'GO!'],
              [BUTTON,{b_quit},'Quit']
          ])
```

Showing results

To hold the results of the search it would be nice to have a scrolling list. This is a 'LISTV' gadget in *EasyGUI*, and the updated call to 'easygui' is shown below. At present we have no action function and no list to display, so these entries are 'AVAL' and 'NIL' respectively. The relative size of the list is 25 units wide by 10 units tall. **See example 3**. The other new gadget that has been used is the 'TEXT' gadget which is used to display a text label. In the example it is used to label the list as being a 'Results' list. ■

Jason Hulance

Next Month

Now we have a GUI we need to put some guts behind it. We'll start adding the necessary code to make it functional. This will involve file I/O, string handling and DOS library functions.

SOUND LAB

AudioMaster IV

PART 2

Keeping your options open was never easier. All you need is a little more knowledge of our excellent November '95 cover disk.

▲ The Audio Filter is where you can control the Amiga's low pass filter to improve your playback quality.

My mother always says that it's best to keep your options open and she's right because with the likes of *Audio master* you're spoilt for choice when it comes to options. Here's what's available.

Oversampling

This is a very clever trick used to enhance the playback quality of samples recorded at low rates. A 'low rate' in this case could be considered anything below 16KHz. Below this rate samples start to develop an unpleasant ringing overtone. This is caused by unwanted frequencies becoming apparent, caused by the 'stepping' as the digital sample wave moves up and down the scale. These steps are more prominent with lower samples rates – it's the audio equivalent of a picture becoming more 'chunky' with lower pixel resolution.

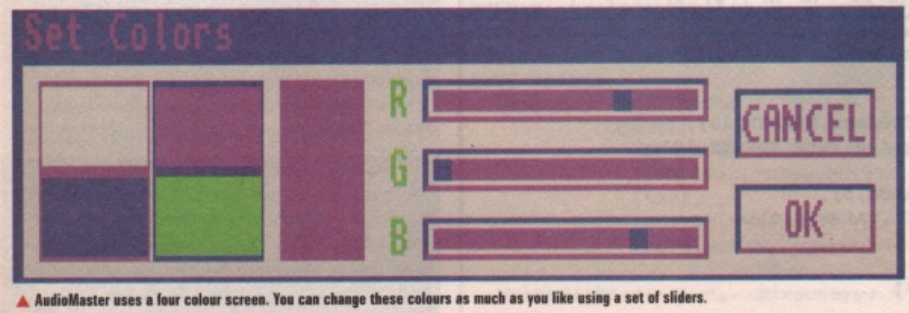
Oversampling counters this side effect by smoothing out the waveform during playback. However, this process only takes effect on playback and doesn't affect the original sample data, so oversampling isn't much use if you want to use your samples with different music software.

OK prompts

The OK prompts are there to make sure you don't accidentally destroy your carefully edited sample by selecting the wrong menu option.

Loop limit

Most Amiga music programs limit each sampled instrument to a maximum size of 128K. When you're creating samples for use in other music software it's handy to have this limit imposed by *AudioMaster* so that you don't make your samples too big. However, *Audio Master* can play samples with or without loops well above this 128K limit. It's up to you to choose whether you want this limit imposed or not.



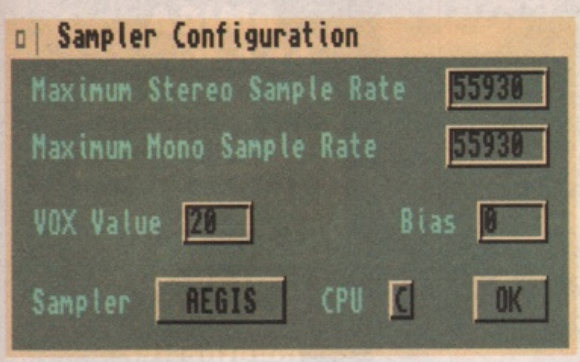
▲ AudioMaster uses a four colour screen. You can change these colours as much as you like using a set of sliders.

Finished tone

If you are working on large samples with a slow Amiga, it can be handy to have a beep to tell you when a process has finished. However, as *AudioMaster* is quite a speedy program and the beep can be very loud and irritating, thankfully, it can be switched on or off.

Cut to buffer

Normally (when this option is ticked) anything you cut from the sample wave will be placed in the copy buffer, replacing anything that may have previously been there. There are times when you might want to cut or copy a section of the sample for later use and then need to trim another part of the wave. In this case, after



▲ The CPU button in the sampler configuration screen is a short cut way of altering the maximum sampling frequency.

copying the required section you would turn this option off to protect your previously copied data.

Audio filter

This turns the Amiga's low pass filter on or off. This doesn't affect the sample data, only the playback quality. The low pass filter is so called because it passes (plays) only the low frequencies of the sound, or to be more exact, it takes off some of the high frequency content. This can compensate for the side effects of low sample rates although oversampling. The Auto setting will turn the filter on with sample rates below 10kHz. When oversampling is enabled, the filter is only activated on samples below 5KHz.

Co-ord display

The position of the range markers can be displayed in the top menu bar. This can be very useful for precise editing. The position can be displayed in units of time or sample bytes. To view the position in sample bytes, select the Position option. The time figure is calculated depending on the currently selected sample rate, while the Position display is not affected by the sample rate.

Snapshot default

This selects the destination to which your 'snapshots' will be saved. Refer to the November 1995 issue for more details.

Screen colours

AudioMaster uses a four colour screen. These colours can be altered to suit your own taste using a trio of sliders. Click OK to invoke your new colours or Cancel to revert to the originals.

Sampler config

AudioMaster is designed to work with all sampler cartridges that connect via the parallel port. If your sample cartridge doesn't seem to work, first try switching the sampler type button (which initially is set to Aegis). There's also a Bias setting which can be altered. Some samplers will generate sampled waves that are offset above or below the centre line. This can be compensated for by entering a number between -64 and 64. Alternatively entering a number higher than 64 will cause the software to adjust the bias automatically by scanning the sampler cartridge while there is no input signal.

The CPU button is a short cut method for altering the maximum sampling frequency. It has three positions: A, B and C. A is for 68000-based Amigas, B is for faster processors up to 25MHz 030s, while C is for superior processors. You can try setting the maximum sampling rates by hand by altering the values in the boxes at the top right of panel.

Finally there's the vox value, which is the volume level at which auto-start (vox) sampling begins recording. This can be set to anything from 1 to 127. Higher numbers correspond to louder volume levels.

Type of waveform

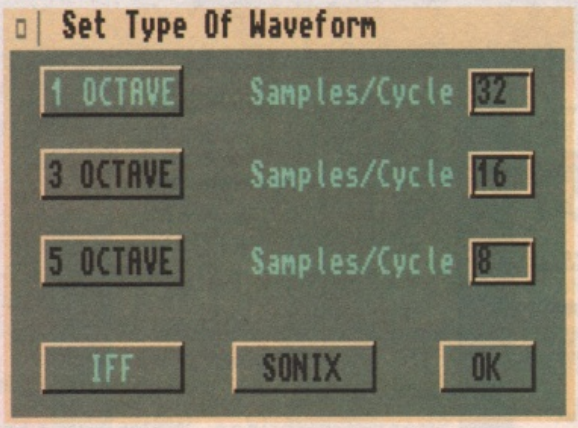
You can alter the type of sample wave to suit your music software. Most music software works fine with the default settings. However, you can convert you sample to a three or five octave instrument by clicking on the relevant button. *AudioMaster* then pastes together a string of differently pitched copies of the sample which when loaded into a music package, play back as the original instrument but over a larger range of octaves. There's also provision for creating samples compatible with Sonix.

Hi fi menu

There are three options available from the Hi Fi menu. The Remember Loop and Hi Fi save options will not be of much use to many. They assume when you are creating multi-octave samples (as described in the Type of Waveform section) that you first re-pitch your sample wave to 8KHz. There's really no need to do this in the first place, but if you do, these two options can be selected before you 'resample' to 8KHz. The original sample data is then used as a source for the multi-octave instrument.

The Play Hi Fi option is used for replaying sounds at very high sample rates without distortion. It does this by freezing the rest of the Amiga's system and blanking the screen. ■

Tony Horgan



▲ In AudioMaster you can easily convert your sample to a three or five octave instrument.

Tony's Top Tips

Now you know your way around all the buttons and menus, have a go at some of these tip top tips for bringing your samples into the plush and sparkly world of professional audio.

● Revitalise drum loops

In general you want your drum loops to be both bright and punchy. In other words, they'll sound best if the bass and treble content are both prominent and not drowned by unwanted frequencies. The best way to achieve this effect is to use the filtering section. First of all, reduce the mid-range frequencies (this will remove lots of general noise). Set the Lower Frequency slider to around 184 and the Upper Frequency to around 1504, then click on Cut. Now Move the Lower Frequency slider to 1 and the Upper slider to 184, then select Boost. Finally, select the treble content by moving the Lower slider to 1504 and the Upper slider to maximum, then click Boost once more. Repeat the process to emphasise the effect.

● Ultra smooth fades

When it comes to creating long fade-outs with simple sounds such as bass notes or TR808 bass drums, the obvious method is to use a volume fade option from within your sampler. However, once the volume of the sample gets beyond a certain point, you'll notice that unwanted noise becomes very apparent. This is because the 'stepping' of the sample wave is making more of a noise than the original sound. The best way around this is to loop a small section of the sound and fade the volume from within your music software using volume commands during playback. This will give you a far cleaner fade.

● Strip the kick drum

Often when you are sampling drum loops you'll have a pumping bass drum in the background. This can be a problem if you want to include the rhythm in your own song but drop the bass drum in and out when appropriate. Once again the filtering controls come to the rescue. To strip out the kick drum, cut all the frequencies between 1 and 400Hz using the Digital Filter option. It may be necessary to repeat the frequency cut two or three times to completely eradicate it. You can then add your own bass drum on another track. If you are short on sample channels in your song, you could keep one version of the loop with the bass drum, and one without, substituting one for the other at various parts of the song.

CU Amiga Classifieds

FORTRESS AMIGA PD LIBRARY

OVER 62,000 DISKS AVAILABLE
ALL AT 95p INCLUDING P&P
Send 3*25p stamps For List Disk

Available are FULL SETS of:-
Fred Fish. LSD Legal Tools
Scope Disks Assassins Games
Assassins Utils T/Bag Disks
PLUS
Graphics. Music. Slide Shows.
Games. Clip Art. Fonts, Etc...
Far Too Many To List Them All

Contact:- FORTRESS P.D.
26, SPENCER STREET, KEIGHLEY.
WEST YORKSHIRE. BD21 2BU
Phone:- (01535) 609263

PENGUIN PUBLIC DOMAIN

ART-ANIMATION-MUSIC
PLAYABLE DEMOS - FONTS
GAMES COMPILATIONS
CLIPART-ASSASSINS
MISCELLANEOUS-GAMES
DEMOS-MUSIC UTILITIES
EDUCATION-FUNPACK 1-36
SCOPE 1-220-FRED FISH 1-1000
T-BAG 1-77 - SLIDESHOWS
UTILITIES-HAM RADIO
BUSINESS-JAM 1-10

50P EACH

POST AND PACKING FREE.
RING OR SEND FOR A FREE CATALOGUE
0589 722502

AMIGA
PO BOX 179
READING
BERKSHIRE
RG30 3DD
ENGLAND

CLASSIC AMIGA

P.D Software
Phone for a FREE catalogue disk
0161 723 1638
SHOP OPEN
12-9pm DAILY
11, DEANSGATE
RADCLIFFE
Manchester

Q. What's plastic, 3.5 inches and costs just 45p?

A. A public domain disk from NO MERCY SOFTWARE

That's right, 45p per disk from 1-499
(bulk PD prices from 22p each - send for info)
Choose any PD list from any Amiga mag, then order from us, or send £1 or 4x1st class stamps for our catalogue disk and a FREE util or game (please state)
Cheques payable to:
NO MERCY SOFTWARE
3 HILL SIDE, GT. THIRKLEBY, THIRSK, NORTH YORKSHIRE YO7 2AX
Phone 01845 526412 (between 6-8pm only)
0421 493916 (mobile)

KEW = II SOFTWARE

Est. 1989

THE BEST IN QUALITY PD & SHAREWARE
SUPPLIED ON BRANDED DISKS ONLY!
The LEADER -
OTHERS CAN ONLY FOLLOW!
FREE FRIENDLY HELP BY
POST or PHONE ANYTIME!
FREE CLUB MEMBERSHIP
PICK YOUR OWN PROGRAMS!
BY NAME, NUMBER AND SIZE!
IT'S EASY!
500K makes 1 bootable disk!
800k makes 1 non bootable disk!
CATALOGUE WITH FULL DESCRIPTIONS & INDEX ONLY £1
Phone for the LATEST PROGRAMS!
1-3 disks £1.50, 4 or more ONLY £1.25
P.O BOX 672
South Croydon
Surrey CR2 9YS
Tel: 0181 657 1617
FREE P&P

STORK PD

Tel: 01302 830 720

fast - friendly - efficient

We are here for you, and what we haven't got we will soon get for you!

With disks from as little as 50p why pay more?

Just send 2 first class stamps for our catalogue disk

STORK PD
15 Rands Lane,
Armthorpe, Doncaster,
South Yorkshire DN3 3DZ

ARNOLD COMPUTER SUPPLIES

Blank Disks £15.00 per 50 inc. labels
DSHD Disks £22.50 per 50
(Pre-formatted)

PD LIBRARY NOW OPEN!

Please send £1 or 4 1st class stamps for catalogue.
Free local delivery and installation
(10 mile radius)
Many more items stocked.
Please phone or fax for latest prices.
Barry Voce 0115 926 4973
11 Campion Street
Arnold, Nottingham, NG5 8GR

LAZYCAT COMPUTING

29 Woodville, Barnstaple, North Devon EX31 2HH

Through our commitment to ethical trading and good customer relations, Lazycat has built up a reputation as a name you can trust. Plus all the time and effort that has gone into creating our library is making Lazycat one of the exceptional few (Quality) libraries in Britain today. We have a vast collection of Amiga PD and Shareware. Please send 2 x 1st class stamps for our latest updated catalogue disk.

DELTRAX PD

FREE! FREE! FREE! FREE! FREE!
OUR LATEST PUBLIC DOMAIN PRINTED CATALOGUE FULL OF TITLES & DESCRIPTIONS - ALL IN STOCK AND READY FOR DESPATCH. ESTABLISHED SINCE 1991 WE ARE ONE OF THE BIGGEST LIBRARIES AROUND - DON'T DELAY - SEND TODAY - WE DELIVER THE GOODS
PHONE/FAX 01492 515981
36 BODELWYDDAN AVE,
OLD COLWYN, COLWYN BAY,
CLWYD LL29 9NP

AMIGAHOLICS PD

THE 100% AMIGA PD LIBRARY, WE STOCK; DEMOS, MUSIC, ANIMS, MUSIC UTILITIES, SLIDESHOWS, GAMES, LSD LEGAL TOOLS, UTILITIES, ASSASSINS GAME DISKS, FRED FISH, FONTS, CLIP-ART AND MUCH MORE.

THIS MONTH'S TOP TEN
MAGIC WORKBENCH 1.3 - Magic W/Bench for any Amiga
CARDZ - Use AGA Klondyke cards on ECS Amigas
SKIDMARKS 2 AGA CARS (2D) - 4 Extra cars for Skidmarks AGA
ARTCORE - Brilliant 3D Art Gallery/Slideshow Demo
JASON ART - Superb hand draw art
'SETTLERS' EDITOR - Have super fishermen, find all the gold etc.
'F1 G.P.' EDITOR - Latest version, '95 teams & frame accelerator
DR. STRANGE 2 - The return of Dr. Strange
PSYCHEUAL (AGA) - Brill, Alien Breed rip off - buy it!
EGG SCRAMBLE - Mad, mad mad game - platformer in hyperdrive!

SINGLE DISK £1.50 EA
MORE THAN 1 £1.00 EA
Order 5 get 1 FREE = 85p ea
Order 10 get 3 FREE = 77p ea
Order 15 get 5 FREE = 75p ea
Order 20 get 10 FREE = 67p ea

FREE P & P
Send cheques, PO's to
AMIGAHOLICS PD DEPT. CU
236 CHESTER ROAD NORTH
KIDDERMINSTER
WORCS DY10 1TE

SEASONS GREETINGS TO ALL OUR CUSTOMERS PAST, PRESENT & FUTURE.
SEND 2 X 1ST CLASS STAMPS OR SAE FOR CAT DISK.
CAT DISK INCLUDES GAMES AND MUSIC

SOFTSELL AMIGA CLUB

FULL PRICE GAMES
FOR HIRE RETURN
POSTAGE PAID

Send a stamped SAE for a catalogue

Softsell (CU), 16 Church Street, Trowbridge, Wilts, BA14 8DW

NEW SHOP OPEN IN SHEFFIELD

Activity Software at Trilogy House
65 Chesterfield Road, Sheffield S8 0RY

Amiga Software and Accessories
AMIGA POWER SUPPLY £27.50
Direct from manufacturer to British Standards Suitable for A500,A600,A1200
PUBLIC DOMAIN From 50p per disc
Over 3,000 titles in stock!!!!
Catalogue 50p in stamps
Telephone 0114 2 585858

KOBRAHSOFT QUALITY PD

Don't get bitten by buying cheap, poor quality P.D. we sell the best. If we haven't got what you want, please tell us and we will get it. we have over8000 titles available, so we should have something to interest YOU! We pride ourselves on our speed of delivery - we try and send out every order on the same day it is received - no waiting for DAYS. We accept payment by cheque, P.O. and Access and Visa. To give you an idea of what we stock:-

UTILITIES

MIDIPLAY - plays music modules
MOST V1.56 - Text Viewer
INPUT LOCK V1.1 - Security Lock
CHARACTER GENERATOR
D.M.S. V2.03 - Data cruncher
MIDSPOOLER V1.2 - DIR Utility
CD PLAYER V1.1 - Plays your CD's
A BACK UP V4.03 - Back up utility
ADAM V3.0 - Calculator
VIRUS CHECKER - Detects viruses
CALENDAR - Super Calendar Prog
POWERCALC V1.5 - Draws graphs
TURN V4.0 - Latest Comms program
POWERPLAYER V4.0 - Music Util
RECALL V2.3 - Diary program
SCHEDULER V1.2 - Organiser

GAMES

MISSILES OVER XERION
NIBBY 2
MUTANT PENGUIN
MULTI TETRIS
TIME RUNNERS 17
RUNNERMINE 6
MORTON STRIKES BACK
SPIDERMAN 2
DEADLOCK 8
SPACEBALLS
DONKEY KONG
FLIGHT OF THE INTRUDER
MEGABALL
STEWARDS ENQUIRY
GALAGA 92
DEFENDER

We have hundreds more games and utilities and also:-
DATABASES, GRAPHICS, ANIMATIONS, SLIDES, MUSIC AND SOUND DEMOS, EDUCATIONAL PROGRAMS, FONTS, CLIPART, BUSINESS PROGS. We also stock a wide range of Spectrum and Sam Utilities.
Prices:- Disks£1. each, or send £1 for CAT disk or order to:-
KOBRAHSOFT, Pleasant View, Hulme Lane, Hulme, Longton, Stoke-on-Trent. ST3 5BH;
or phone 0178 230 5244. We also take Access and Visa.
P+P U.K. 25p; others 50p

VISA

SADDLETRAMPS PD

AMIGA PD & SHAREWARE LIBRARY
Tel/Fax 01709 888127

F1 LICENCEWARE

F1 LICENCEWARE

Amiga Assist	£3.99
Punter v3.1	£3.99
Dynamate	£3.99
AMOSzine 9	£5.99
Greenies	£3.99
Push and Pull	£3.99
A. Beginners Guide v3	£3.99
AMOS AGA Extension	£3.99

5D LICENCEWARE

Scm4 Mapper	£2.95
Disk-System v3	£2.95
Jump'Em	£2.95
Bouncer	£2.95
HILT	£2.95
Paradox 2	£2.95
Black Dawn II	£2.95
OG! The Caveman AGA	£2.95

UTILITIES

Virus Checker v7.18 KS2.+
AMOScedures
Super Crunchers KS2.+
Virus Workshop v5.6 KS2.+
Col-A-Morph demo
Pro Football (2)

1 to 4 PD disks 95p each
5 to 9 PD disks 85p each
10+ PD disks 80p each

Send 50p for Catalogue Disk detailing 1000's of Great Titles

You can now download full product details and latest catalogue from MIDNIGHT EXPRESS BBS on (+44) 01384 865626

NO POSTAGE CHARGES ON PD & LICENCEWARE

1 Lower Mill Close
Goldthorpe, Rotherham
South Yorkshire, S63 9BY

PLEASE MAKE CHEQUES/P.O's PAYABLE TO SADDLETRAMPS PD

Tel: 01263 722169

For more details on prices, latest membership scheme and packs, phone or write for a free catalogue

NOW IN CONJUNCTION WITH 'DIGITAL CANDY' BBS 0191 2325527

New Prices: Please add 75p P&P to all orders

1-10	Disks = 75p Per Disk
11-20	Disks = 69p Per Disk
21-30	Disks = 65p Per Disk
31-40	Disks = 59p Per Disk
40+	Disks = 55p Per Disk

SADENESS PD, 13 RUSSELL TERRACE, MUNDESLEY, NORFOLK

FLOPPY DISK TITLES

NFA: The Word 8 (AGA) (2)
The latest offering in the Word series (backup from NFA. As usual, brilliantly straightforward and well pre-sented. 2 outputs read for any scene fan!

Cardz
An unl. of your 500 owners out there can join at the new cardsets with Kickstart. This program simply can sets the the colours with it. Great mum!

Shapeshifter v3.2a
The latest version of the amazing Mac emulator, better than a Mac emulator sound!

Breathless (AGA)
Wow - Latest Blocks clone on the Amiga, one of the best looking so far!

Thinkamania (AGA)
A colourful memory game - great fun for the young ones!

VMM v3.2
Running out of memory? Well not any more - now you can use virtual memory on your Amiga. But you do need a bit of hard drive space. Needs MMU!

Iconian v2.6 Beta
Latest version of the best icon editor available to date.

Raystorm v1.1 (AGA)
Great new Wolfenstein rendering program, doesn't compare to the likes of Lightwave but that's expected isn't it!

RO v1.03
Brilliant Doom style fun shooter. Needs workbench 2 Mb+

Dialling Codes v2.00
A superb program which allows you to select a tele-phone dialling code and the program will then tell you where/about the code comes from.

Amiga CDRom Guide
A load of disk magazine which tells you all about every Amiga CDRom available. Great for CD hunting

Speccy Emulator v2.0b
The latest Spectrum emulator for the Amiga - play all your favourite old classics.

Frodo v1.7
Again an emulator but this time it's a new C64 emula-tor. Run all your old favourite classic games and perhaps on your Amiga.

Image Studio (2)
Brilliant image processing utility, similar to Photogenics, not massively fast, but great for the price!

Nintendo Game Boy Emulator v0.3
Run all your favourite Game Boy games, like Tetris and Mario on this great new emulator!

Musical Sensation (AGA) (2)
A great new music disk, and two new music clues in it. Is it to do with 10 Running Blind?

Remote v2.00
Calendar, reminder and mailbox all in one. Brilliant for those who lack memory.

TPaint (AGA)
Extremely 1x bit paint program now available.

Cybershow v5.5 (AGA)
Known exclusive on a Cybergraphics graphics card.

Oxygen: Control (AGA)
Latest demo from Oxygen, released at the party 97.

Isometric (AGA)
A preview of a coming commercial release. From the looks in the style of the old Ocean game 3d Construction

Hyperdrive
Wipeout/Assassins/Speed. Feel the need for speed. You control a ship in a race like Prospect 5, the Formula 1 of the future. Set to sight, control and blast the opponents. It's truly fast. This game is highly suited for most computers

Damage Wolf v2
Another superb Amiga Doom clone. This one doesn't need AGA but is definitely recommended. Very fast!

Aquarium Simulator
Text game clone in the style of Sea Raider but in a fish tank. You have to build a fish tank and stock it, grow and live, etc.

Digital Bread Board
This game utility which allows you to create your own circuit boards on your Amiga. When you have made the board you can see if it works. Very useful for the electronically minded. Review this issue.

Gravity Force II v1.10
Latest release of a fantastic, the best PD runner available on the Amiga!

The Big Red Adventure (ACA)
A demo of top comics adventure. The game comes on an USA fmt and needs to be unzipped, also HD needed

The Octamed Tutor
This program teaches you the basics of Octamed.

CD ROM TITLES

C64 Sensations	£19.99	GIGA Graphic	£39.99
Speccy 2	£19.99	Assassins Games 2	£19.99
Aminet 8	£14.99	Sound Library	£19.99
IFF Clip Art 2	£19.99	Sounds Terrific	£19.99
17 Bit 5th Dimension	£19.99	WS Animations	£19.99
Light Rom 3 (3 CDs)	£39.99	Colour Library	£9.99
Zoom Update	£19.99		

Their first CD Rom
'The AGA Experience'
This is the first CD Rom dedicated to Amiga 1200/4000 owners only!
Includes: Slideshows, Utilities, Games, Demos, Disk Mags, Exclusive ready-to-run software and loads more !! The hottest release of 1995. Watch out for the reviews.

"This is the CD Rom AGA owners have been waiting for"
AMIGA FORMAT

90% - AUI
90% - CU Amiga

only £19.99 inc p&p

HORNESOFT PD

VISA

ESTABLISHED 1990

TEL/FAX 0114 296 7825 MON - SAT 9.30AM - 7PM

DEPT (CU) 23 STANWELL CLOSE, WINCOBANK, SHEFFIELD S9 1PZ

PD PRICES (PER DISK)

1 - 5 . . . . . .65p
6 - 9 . . . . . .60p
10 + DISKS . . .50p

or send your own disks and pay just 30p per disk

OVER 16000 DISKS AVAILABLE

for our catalogue disk send 2x1st class stamps

WE STOCK F1 & 5D LICENCEWARE

or ask for a free cat disk when ordering game below!

BLACKDAWN II - £2.95 (5D LICENCEWARE)
Great Dungeon style game.
Complete version now on 5D Licenceware.
Price includes postage and a FREE catalogue disk

MasterCard CREDIT CARD HOTLINE: 0114 296 7825

PIGMY CRUSH P.D.

DISKS FROM 60P PLEASE SEE OFFER BELOW

GAMES

MORTAL KOMBAT 3
BLACK DAWN 5 (2)
CARD GAMES 3 (3)
GEMZ
JET SET WILLY 3
SPRINGTIME
HYPERACE
DR STRANGE 2
M.A.S.H.
PENGO
DELUXE GALAGA V2.51
CLASSIC PACMAN
HIGH OCTANE V2
ZAXXON
FLAMING ENGINES
SPELLTRIS
WALLY WORLD (2)
GREEN 6
JUDGEMENT DAY
SUICIDE MACHINE
CYBERGAMES (2)
CLASS E: LUNAR MODULE
LAST LAP V1.0
DARK ANGEL

UTILITIES

IMAGE STUDIO V2 (2)
SEKA 32 PRO V2
VIDEOTRACKER V2
TERM V4.2 (HD)
VIRUS WORKSHOP V5.1
MENUS & MORE V3.2
OFFICE UTILS
AMOSIBLE
MAIN ACTOR V1.55 (HD)
FREEFORM 3D V1.9
MINIMORPH V1.1D
ONFORM V1.3B
D-COPY V3.1
FINAL WRAPPER V3.0
PROGAMBLE V2.1
PROTITLER V2.1
SUPER DMS V3.0
SPONGULE MK3
IMAGE ENGINEER V1.1
DOSMAN
EASYCALC V2.0B
ICONTOOLBOX
MENUMASTER 3
EDWORD PRO V4

SPECIAL PACKS

DUPLICATORS PACK (8 DISKS)
D-COPY V3.1, CRACK & COPY, FREECOPY, FLASHCOPY, LOCKPC 2, NIBCOPY V2 £5.00

MUSIC PACK (5 DISKS)
OCTAMED V2, OCTAMED TUTOR, +3 DISKS OF AMAZING 90MB SAMPLES £4.00

ART PACK (5 DISKS)
SPECTRAPAINT, R.D.S. START OF THE ART (UTILS), SCENERY CONSTRUCTION KIT, DPAINT FONTS £5.00

DEMO PACK (5 DISKS)
STATE OF THE ART EXTENSIONS DEMO
5 FINGERS (2)
TECHNOLOGIC DEATH £4.00

1200 STARTERS PACK (7 DISKS)
AGA UTILS (3)
1200 DISKREADERS
MOTOROLA INVADERS 2 (2)
POINT OF SALE DEMO £5.50

SPECCY PACKS

1/ 10 DISKS OF GAMES + EMULATOR OF YOUR CHOICE £5.00

2/ 30 DISKS OF GAMES + EMULATOR OF YOUR CHOICE £25.00

1200 GAMES

KELLOGS LAND
JINXED
DELUXE PACMAN V1.6 AGA
KLONDYKE 2 (4) (HD)
FEARS 2
MALEDICTION
BATTLEQUEL AGA
CARD GAMES DELUXE (3)
STEP 9 AGA
ROKETZ V2.25
SAMURAI SHOWDOWN
VIPER AGA
MR BROWNSTONE
MOTOROLA INVADERS 2 (2)

1200 DEMOS

AXIS: PICTURE BOOK (4)
NEXUS 7
CLD BULLS: MOMENTS
TWISTED MINDS
SWITCHBACK DEMO
SOUL KITCHEN (2)
ROOTS AGA
MOTION ORIGIN 2 (2)
PSYCHEDELIC (3) (HD)
LECH DEMO

1200 UTILS

DIY REKO V1.1
ZXAM (020+) V1.6B
BLITZBLANKER V2.5A (MU0)
SWAZBLANKER V2.7
ASI FIX DISKS 1&2 (2)
RELOUCK V1.41+
SUPERKILLER WB3
CLONE AGA
VIDEOTRACKER AGA
STEROSCOPE V2.6A
ACTION REPLAY 3
AGA UTILS (3)
WINDELORD FRACTAL GEN V1.0

KLONDYKE CARDSETS

ERIKA ELEKTAK
SIMPSONS
CLAUDIA SCHIFFER
ASTERIX
GREY HAWK
STRAGE
THE MASK
PAMELA ANDERSON
HELLRAISER
WALLACE & CROMIT
& A HELL OF A LOT MORE

PRICES
1-4 £0.90
5-9 £0.80
10+ £0.70

P&P CHARGED AT UK, 75p PER ORDER ELSEWHERE ADD 40p

ASSASSINS GAMES DISKS 1 - 250, FRED FISH 1 - 1000, 2 DISK CATALOGUE SET £1.00 OR SEND 4 FIRST CLASS STAMPS PLEASE MAKE CHEQUES/POSTAL ORDERS PAYABLE TO PIGMY CRUSH P.D. ORDERS TO PIGMY CRUSH P.D. DEPT. C.U. 5 SKOMER PLACE, SWANSEA, WEST GLAMORGAN SA5 5PH

OFFER CUT OUT THIS ADVERT AND GET YOUR DISKS FOR 60p EACH OR £1.50 OFF ANYSPECIAL PACK. ADD £0.75p FOR P&P TO YOUR ORDER

PD POWER

PD FROM 25P SEE CAT/DISK

£1.00 PER DISK - 1 FREE WITH EVERY 3
YES! ANY 4 DISKS FOR ONLY £3 + 50p P&P
FROM OUR MASSIVE COLLECTION OF GAMES, DEMOS, UTILS, EDUCATIONAL, CLIPART, GLAMOUR, MUSIC, ANIMATIONS, SLIDESHOWS, ETC.
WE SUPPLY QUALITY PD ON QUALITY DISKS (TDK MF-2DD)
FOR A FAST, FRIENDLY AND RELIABLE SERVICE SEND 3x25p STAMPS FOR OUR EXTENSIVE CATALOGUE WITH FREE GAME, FREE COPIER AND MORE TO
PD POWER (CU), 15 LOVETOT AVENUE, ASTON, SHEFFIELD, SOUTH YORKSHIRE S31 0BQ
• SAME DAY DESPATCH ON ALL ORDERS •

CU AMIGA MAGAZINE

0171 972 6700
MARIANNA MASTERS

WHAT DO YOU GET FOR £53

FREE TYPESETTING
FREE COLOUR
FREE COPY OF THE MAGAZINE
MORE TECHNICAL COVERAGE
MORE SOFTWARE COVERAGE
MORE PUBLIC DOMAIN COVERAGE
MORE PROMOTIONS
BETTER COVERDISKS
ABOVE ALL
THE BEST VALUE FOR MONEY PACKAGE IN THE AMIGA MARKET
NO 1 FOR CLASSIFIED ADS!

PD ENTERPRISE

13 The Cresent, Shiney Row,
Houghton Le Spring, Tyne & Wear DH4 4RE
TEL: (0191) 5109191
FAX: (0191) 510 2203

Special Packs (Prices include Postage & Packing)
BUSINESS 10 disks £6 Text engine 4.1, 600 Business letters, label Printers, Messy Sid 2, Forms United, Virus Z 2, Epoch 3, A2 spell, D-Copy 3.1 and Lones & Accounts.
SPECTRUM 36 disks £24 Over 500 classic games! choose AGA emulator if you own A1200 otherwise V2.
COMMS 8 disks £7 Guide to the Internet, guide to Comms, Sid 2, Afax, N-Comm 3, Internet Utils, BBS simulator and Disk Archivers.
BEGINNERS 15 disks £9 Choose 5 disks from the games section, 5 from Utilities and 5 of your choice Please state computer.
BODYSHOP 15 disks £9 Lots of lovely swimsuit girls for the AGA
GIF BEAUTIES 20 disks £15 girls AGA
FIT CHIX 6 disks £4 AGA.
CC FONTS 15 disks £9.
ADOBE FONTS 15 disks £9.
BITMAP FONTS 15 disks £9.

DISK PRICES
1-10 80p each * 11-24 70p each
25 disks or more 60p each
1 FREE DISK WITH EVERY 5 DISKS BOUGHT
P&P £1 * Catalogue (2) £1 (Inc. P&P)
Europe + 20p p/disk. R.O.W. + 40p p/disk
All cheque's/PO's to PD ENTERPRISE
LIMITED PERIOD OFFER - ORDER 10 DISKS OR MORE FROM THE SAME SECTION, THEN THOSE 10 DISKS COST 65P EACH * DOES NOT INCLUDE P&P

UTILITIES
Artistix
Bookie Boater
Course Form
Horse Forecaster
Birthdate History 2.21
Crossword Creator
Fantasy Football Maker
Magic WB 1.3
Tiny Toons Clipart
Lion King Clipart (3)
Lion King Clipart
Epoch 5
Award Maker 2
Amiga's Beginners Guide
Dummy's Guide to Internet
Mr Greedy Story
Barney the Bear
Project UFO (6)
Imagine Buddy (2) (HD)
X Files Guide
Desktop Magic
Source n code 2 (2)
Text Engine 4.1
Pro Gambler 3.1
Personality Analysis
Global Facts (2)
IQ Test & Games
Slide Show Maker
Gas Trick
How to Code In C (2)
Pascal
A-Fax 1-2
Amiga Dos Tutorial
Words 2-3 (HD)

UTILITIES WB2+
WB3 Beginners Guide
Turbocat 2
Image Studio 2 (2)
Transition 1-1
PC Task 5-1
Team 4-3
Magic WB1-2p
Magic Workbench WB
Extras (2)
Relokick 1-4 Final
Doom Morph AGA
Heddley 1-1
Main Actor 1.55
Pro Titler 2-1
Parnet 1-4
Shape Shifter (4MB) (HD)
ZX-Files Issue
Frodo 1-7
DIY Reko Cards (2) (Image FX)
WB2 Beginners Guide
Movie Guide (2) (HD)
AGA Icon Editor

A1200 SLIDES
Doom Slides
Bodyshop 8 (3)
Elle McPhearson (3)
Pamela Anderson (2)
Star War (2)
Madonna Sex (3)
Street Fighter 2 & Manga
Danni Minogue (3)
Kylie Minogue (3)
(Please state over 18)

GAMES
Chaneques (2)
Dominoes (WB2+)
Dat at the Races
Roulette
Ult. Fruit Machine
Carnage (WB2+)
Gravity Force (2)
Super Obliteration
Infestation
Kellogs Land
Real Man Long
Springtime (WB2+)
MASH
Skid Racer
Battle Duel ECS (2)
Child Minderer (3) (WB2+)
Deluxe Pacmen 1-6 (WB2+)
Black Dawn 5 (2)
Deluxe Galaga 2-6 (WB2+)
Star Trek (NG)
Scrabble
Monopoly
The Therapist
Super Mega Fruits
Last Lap (WB2+)
Top of the League
Dr.Strange 1
Metro Sim
Severed Heads (2)
Smoke'em Poker
Scorched Tanks 1-85
Ant Wars 2
Stewards Enquiry
Mr Men Olympics (2)
Inner Demons (4)
Extreme Violence 2
Battleships

1200 GAMES
Black Jack (3)
Battle Duel AGA (2)
Fears 2
Poker Mania
War of the Worlds 4
Art of Breaking Heads (6)
Cyberman
Cybergames (2)
Dead of the Night (3)
Deluxe Monopoly
Bratwurst
Gloom
Klondike 3 (4) (4MB) (HD)
Masquerade
Jinx (2)
Mortal Kumquat 3
Ooze AGA 2
Rocketz 2-25
Super Combat 3 (2)
Tomcat (7) (4MB) (HD)
Yatzooie 2
Zombies
The Devils Abode
Speed = Doomer 2
Psst! AGA
Samurai Showdown
George Glaxo (2)

AMIGA REPAIRS

FIXED PRICE ONLY **£42.99** Incl. (A500/+,A600 ONLY)

* Price includes PART, LABOUR, DELIVERY & VAT
* 90 Day warranty on all repairs
* 24 Hour turn-around on most repairs
* All upgrades purchased from us fitted free with repair
* Includes FULL DIAGNOSTICS, SERVICE & SOAK test
* If drive or keyboard need replacing add £10.00

Est. 14 Years

AMIGA A1200 Repairs only **£52.99** Fully inclusive

SPECIAL OFFERS

NEW A1200 Computer **£299.00**
Limited Stock - phone for details
A500 Motherboard v7 **£59.00**
Fully populated (KS205)
A500 Internal Drive **£29.95**

CHIPS	
8371 Agnus (A500)	12.60
8372A 1Meg Agnus	24.30
8375 2Meg Agnus	24.30
8374 Alice (A1200)	32.70
8362 Denise (A500)	9.60
8373 Super Denise	18.40
5719 Gary	7.60
8520 CIA (A500/+)	15.00
8520 CIA (A600/1200)	15.00
8364 Paula (A500/+)	12.34
8364 Paula (PLCC)	16.70

CHIPS	
68000 CPU	8.50
Video DAC (A1200)	19.50
Kickstart 1.2	4.20
Kickstart 1.3	16.80
Kickstart 2.04	22.40
Kickstart 2.05	29.90
Kickstart 3.1 (A500)	58.00
Rom Sharer	15.00
NEW Modulators	29.50

All Spares are factory NEW and genuine commodore parts. All come with 12 months warranty(Except Chips)

CHIPS	
A500 Keyboard	£38.00
A600 Keyboard	£29.00
A1200 Keyboard	£34.00
A500/600/1200 PSU	£28.50
A2000/A3000 PSU	£65.00
VGA Adaptor	£6.50
Super Buster v11	£15.00
2.5 HD	P.O.A.

We can supply any Amiga 500/600/1200 spare parts and keep a full stock.

Add £1.50 P&P on chips, £3.00 P&P on drives & PSUs We reserve the right to refuse repairs

☆☆☆☆☆☆ **ATTENTION ALL DEALERS** ☆☆☆☆☆☆
Our Company offer the most competitive dealer repair service on all home computers, Credit facility available. SEND FOR FREE INFORMATION PACK TODAY.

Service HOTLINE (0116) 2470059 FAX (0116) 2638643
DART Computer Services (CU) 196 London Road LEICESTER LE2 0PF
DART Computer Services
A Division of D.A. Computers Ltd.

PageStream Enhancer Pack

£9.95 3 disks of fonts
3 disks of clip art

Step-By-Step tutorials on installing fonts and clip art written by Larry Hickmott, author of the CU Amiga PageStream Tutorials

P&P £1.50UK / £3 Rest of World * Cheques UK bank or Postal Orders

Image Studio: 90% CU Amiga **£15**

ProDraw Upgrade Pack **£16**
Includes 1200 Upgrade, HD Install & manual

Professional Page 4.1 **£49.95**
2 manuals, 3 issues of Em, 3 disks of fonts, 87% Amiga Shopper

Em Magazine (Amiga DTP) 6 issues £12.96
Published by CU Amiga's & Amiga Shopper's DTP expert, Larry Hickmott. Subscribe now and get 3 disks of fonts for PageStreamFREE!

Step-by-Step with ProPage £19.99
200 page tutorial book by Larry Hickmott

emc.INFO £9.99 ***Font reference for EMC CDs***

Postage& Packing: UK £2.00 P&P, Europe £4, Rest of the World £5

lh publishing.
13 Gairloch Ave, Bletchley MK2 3DH
Tel:01908 370 230
Fax:01908 640371

BUILD MUSCLES FAST!

NEW! Fastest way to build muscles and strength without weights – EVER! Just 35 minutes daily in the privacy of your home will develop an amazing physique.

MUSCLE DYNAMICS is a new body building system based on principles developed after years of exhaustive research. It is a total exercise programme involving the very latest scientific breakthroughs in the field of muscular development. It is the fastest, most effective way to build muscles in existence.

Noticeable results in 28 days guaranteed.
Send for FREE Information Pack.
MUSCLE DYNAMICS,P.O. BOX 70, DOUGLAS, IM99 1EH.
Tel: 0624 801023 (24 hrs)

MUSCLE DYNAMICS,P.O. BOX 70, DOUGLAS, IM99 1EH
Yes! I want to build muscles fast. Please rush me a FREE information pack!
Name.....BLOCK
Address.....CAPITALS
.....PLEASE
..... Postcode .....
(A stamp for reply appreciated)

CAT DISK £1
R FREE WITH
VERY ORDER

FREESTYLE PD

TEL: 01922 710985

TWO FREE DISKS WITH EVERY 10 ORDERED

DISK PRICES
1-20 £1 EACH
21+ 75p EACH
P&P 50p PER ORDER

AGA GLAMOUR
- Saelle Schiffer
- Saelle Schiffer The Works(3)
- Cindy Crawford The Works(3)
- Beach Babes (5)
- Glamore Babes (5)
- Busty Ireland (3)
- Busty Ireland 2 (3)
- Busty Minogue (3)
- Busty Minogue 2 (3)
- Busty Taylor (new) (3)
- Female Bodybuilders (3)
- Christina Applegate (3)
- Madonna Sex (3)
- Madonnass (5)
- Pamela 11
- Penthouse Minogue (3)
- Playboy 10
- Playboy 9 Famous Babes
- Playboy Calendar Girls (2)
- Playboy 8 Pamela Anderson (3)
- Playboy 7
- Playboy Taylor (2)
- Playboy 4
- Playboy 5
- Playboy 6
- Playboy 3 Mixed
- Playboy 1 Anna
- Playboy Girls Girls
- Playboy Babes (2)
- Pamela Anderson (2)
- Pamela McPherson The Works (3)
- Playboy Collection (2)
- Playboy Collection II (2)
- Pussy Girls
- Pussy Chicks 3 (2)
- Pussy Chicks 2 (2)
- Pussy Chicks 1 (2)
- Pussy Top
- Pussy Sterika Sierisk
- Rachel Phoebe Cates
- Raquel Marilyn Fenn
- Rubbybloop 7 (2)
- Blonde Bombshells (3)
- Blonde Bombshells 2 (3)
- Oriental Ladies (3)
- Oriental Ladies 2 (3)
- Patricia Ford
- Paula Porudoska
- Sabrina Nicole Smith
- Calendar Girls 2 (2)
- Ultimate Crawford Collection (2)
- Lunatic Nudes

UFO
- Finding The Truth 1,2,3 (3)
- Paranormal Investig (2)
- Roswell Slides (2)
- Aliens Multimedia

GAMES
- Card Games Deluxe (2MB) (3)
- M.A.S.H
- Scavenge (WB3+)
- PSST AGA
- Hyper Race (2MB) (2)
- Pacman
- Step 5 AGA
- Dr Strange 2
- Ace The Space Case
- Jet Set Willy 3
- Poker Mania
- Cyber Games (2)
- Carnage
- Puc Man
- Ultimate Fruit Machine
- Hi-Lo Card Game
- Super Mega Fruits
- Donkey Kong
- Top of the League
- Monopoly
- Scrabble
- Top Hat Willy
- Battle Duel
- Master Blaster
- Friday Night Pool
- Island
- Springtime
- Last Lap
- Deluxe Pacman (ECS)
- Deluxe Galaga 2.6 (WB2+)
- Statistic Monopoly
- Mortal Kumquat
- Egg Scramble
- Theseus XII
- The Pyramid (2)
- Alien Bash II
- Rebellion
- Super Combat 3(2)
- Gemz
- Pitman
- Artiz
- Boomin Eck
- Woogies
- Cardz
- Wheel of Fortune
- Defender
- Derring Do
- Black Dawn 5 (2)
- Duck Dodgers
- Mine Runner
- Trap Em
- Dark Angel
- Burger Bar
- Inner Demons (4)
- Data Storm (2)
- Circus Game
- Black Night F. Mach.
- Necronom
- Tetris Pro

KLONDIKE CARD SETS
- Klondike (3)
- Klondike 3 (HD+4MB(4)
- Madonna Sex Book 18+
- Pacific Coast Glamour 18+
- Marilyn Monroe II
- Cindy Crawford
- Cindy Crawford II
- Fireman Sam
- Elle McPherson II
- Babylon 5
- Asterix
- Hell Raiser
- Beavis & Buthead
- Playboy 16+
- Playboy II 18+
- Lion King
- Pretty Woman
- Head Girls 18+
- Pleasure 18+
- Generations
- Patricia Ford
- Starkers
- Kathy Ireland
- Pamela Anderson
- Claudia Schiffer
- Rosie & Jim
- Wallace & Gromit
- Ren & Stimpy
- Doom IIA
- Prehistorics
- Erika Eleniak
- Erotica 16+
- Pinochio
- True Lies
- Stargate
- Gremlins
- Dream Girls 1 18+
- Females 18+
- Babes 18+
- VT Dupcie Chics 18+
- Real Beauties
- Dreams 1 18+
- Dreams 2 18+
- Nude 1 18+
- Nude 2 18+
- Hot Women 18+
- Wet Babes 18+
- Famous Women
- Batman Forever
- Body Piercing 18+
- Pulp Fiction
- Time Cop
- X Files
- X Files II
- Deep Space Nine
- Killer Instinct
- Toonies
- World Atlas
- Lion King 2

AGA GAMES
- Motorolla Invaders (2)
- Megaball V3
- Cybertech Corp (2)
- To The Death
- Hoi
- Bazs n Runt
- Masquerade
- Rocketz
- Tetris Duel
- Jinx (2)
- Child Murderer (4)
- Deluxe Pacman AGA
- Breakin Bricks (HD)
- Kellogs Land
- Fears Preview II
- Gloom Preview
- Bratwurst
- Wheelbarrow Sim
- Malediction (2)
- Skidmarks 2 Cars (2)

BEST AGA DEMOS
- Origin (2)
- Ray World (3)
- Full Moon
- Bigtime Sensuality (2)
- Real
- Mina Omistan
- Soho (3)
- Numb
- Friday at Eight
- Gevalia
- Love (2)
- Some Justice 94
- Switchback (2)
- Animatunes (2)
- Wit Premium
- Nexus 7
- Psychedelic (3)
- Cubic Dream (2)
- The Prey (2)
- Motion (2)
- Dove (2)
- Roots II
- Lech

LATEST AGA DEMOS
- Brain Dead
- Oxygen
- Planet M
- Picturebook (4)
- Zil (2) (HD)
- Fruit Kitchen (2) (HD)
- C42
- Blowing Brain
- Control (2)
- Water Whisper
- High Anxiety (2) (HD)

FOR A RAPID RETURN PLEASE MAKE CHEQUES/POSTAL ORDERS PAYABLE TO: FREESTYLE PD,
DEPT CU, 108 WOODSIDE WAY, SHORTH HEATH, WILLENHALL, WEST MIDLANDS WV12 5NH

Centurion P.D

only 75p per disk

QUALITY PD & SHAREWARE

CD ROMS NOW AVAILABLE

PC MODS & SFX - Packed with Mods Samples and FX	9.99
CPPD THE ORIGINAL - Fish 1-660 & Other Misc Data	9.99
CPPD II - Fish 661-760, Scope Disks, AB20 Archives	9.99
CPPD III - Fish 761-890 Archived & ready to run	9.99
DEMO CD - Modules, Anims, Fonts & Clipart	9.99
ILLUSIONS CD - Full of Stereogram Pics & Utils	9.99
PC CLIPART & FONTS - Very large collection	9.99
PC/S FONTS - Adobe, CG, Bitmap, IFF, PS, PCX & More	9.99
PC/S CLIPART - EPS, IMG, COloured, IFF, Bitmapped Etc	9.99
EUROSCENE - 1000's of demos from around Europe	14.99

FREE P+P ON ALL CD ROMS

POSTAGE RATES UK= 75P PER ORDER, OTHERS 1.50 PER ORDER 2 DISK CATALOGUE 1.00 OR SEND 2 X BLANK DISKS & SAE. IF YOU SUPPLY THE DISKS THEN PAY ONLY 40P PER DISK.
KEY: () DENOTES NUMBER OF DISKS, ALL DISKS WORK ON ALL AMIGAS UNLESS OTHERWISE STATED.

HOW TO ORDER : SEND YOUR NAME AND ADDRESS, ALONG WITH YOUR PAYMENT TO:
CENTURION P.D (DEPT CU), 24 WASTWATER DRIVE, WOODCREST, BRADFORD, WEST YORKS BD6 2TN.
AND MAKE YOUR CHEQUES AND POSTAL ORDERS PAYABLE TO B.G REED (MRS)

ORDER HOTLINE *tel. (01274) 677673* 24 hrs

GAMES
- 0015 SHEPHERD - Brilliant populous clone
- 0046 18 HOLE GOLF (2) - Very good golf sim
- 0058 OVERLANDER - Superb graphics
- 0071 GAMEBOY TETRIS - Just like Gameboy
- 0085 100 PD GAMES (7) - Superb collection
- 0092 SENSI MASSACRE - Shoot Hollands Players
- 0096 HUGO (3) - Recommend!!!!! Troll Game
- 0097 STAR BASE 13 (2) - RPG game
- 0100 TAKE EM OUT - Arcade shoot'em up
- 0102 DONKEY KONG - Arcade version
- 0107 MARIO IN WONDERLAND - Superb graphics
- 0114 TOP OF THE LEAGUE - Footy management
- 0119 UN SENSI SOCCER - Just like Sensi
- 0123 GREEN 5 - Superb!!! Flashback clone
- 0124 DELUXE GALAGA - Fantastic!!!!! Get it
- 0126 POKER MANIA - Bandit/Poker Sim
- 0136 BATTLE DUEL - 2 player tank game
- 0144 SUPERCOMBAT 3 (2) - Cannon Fodder clone
- 0147 DH STRANGE 2 - Mega!!! Top PD Platformer
- 0162 M.A.S.H - Lemmings clone
- 0135 CHANGUES (2) - Dont miss this
- 0143 JUMP EM - Puzzle game
- 0150 CODE NAME HANG - Great thrust clone
- 0151 ALIEN BASH 2 - Alien Breed Clone
- 0152 DELUXE PACMAN - Great Pacman clone
- 0153 DUCK DODGERS - Brill platformer
- 0154 INNER DEMONS - Text adventure
- 0155 BRATHURST (AGA) - 1, 2 player shootemup
- 0159 DIPLOMACY - Risk type game
- 0134 MR MEN OLYMPICS (2) - Summer sports
- 0118 INTERNATIONAL CRICKET - Next cricket sim
- 0116 WIPE OUT - Space shoard em up
- 0110 ALL ROUNDER CRICKET - Good cricket sim
- 0112 FIGHTING WARRIORS - Street fighter clone
- 0115 HIGH OCTANE - Motor racing sim
- 0101 X-BALLS - Puzzle game
- 0096 WORLD DARTS - 1 or 2 players
- 0078 USA '94 - Soccer cards
- 0072 STRIKE BALL - Baseball sim
- 0078 STAR TREK (3) - Control the enterprise
- 0062 METRO - Build your own rail link
- 0017 AMOS COIN DROP - Fruit machine sim
- 0012 KISS THE CARWASS - Boxing sim
- 0041 BATTLE FORCE (WB2+) - Strategy game
- 0068 SUM BALL - Speed ball type game
- 0073 MENTAL IMAGE 2 - Commercial quality
- 0099 NEIGHBOURS (2) - Ramsey street rpg
- 0102 DR MARIO - Tetris clone
- 0122 WET BEAVERS - Well pat together
- G120 SCOTT PBALL MANAGER - Manager sim
- G123 XENEX - Superb ULTIMATE clone
- G127 PROPERTY MARKET - Make Millions
- G129 MANGLED FENDERS - Bash the other cars
- G133 F1 RACING SIM (3/600) Great racing sim
- G136 TEAM TETRIS 1.36 - Play as a team
- G140 SPRING TIME (WB2+) - addictive
- G148 A DAY AT THE RACES - Horse race sim

DEMOS
- DM08 SPACEBALLS WAYFERER - Brill demo
- DM12 SILENCE OF THE LAMBS - Demo
- DM46 SPACEBALLS S.Q.T.A - Superb demo
- DM47 AGATRON - Animation pack
- DM54 JESUS ON E'S (2) - Superb demo
- DM55 SONGS RACK (AGA) - 9 Techno tracks
- DM56 RAY WORLD (3) (AGA) - Superb demo
- DM59 ROOTS II (020 processor)
- DM60 TEMPLE OF DECEASE (AGA) - Great demo
- DM61 DRUGSTORE (2) - Fantastic demo by Abyss
- DM62 VOMIT - from Dutch
- DM63 LECH (AGA) - New release
- DM64 ZOOLIE (NOT 5/600) - Beavis & Buthead
- DM65 GREEN DAY (2) (AGA) - New release
- DM66 NOT THE 9 O'CLOCK NEWS (2) - Very funny
- DM77 ITCHY & SCRATCHY No 4 - Very funny
- DM69 ITCHY & SCRATCHY No 2 - Very funny
- DM78 BIG TIME SENSUALITY (2) (AGA)
- DM75 ALIEN INSPIRATION (AGA) - Latest
- DM74 GEM 3 (2) (AGA) (4MB) - Fantastic
- DM73 MOMENTS (AGA) - Latest release
- DM72 ANIMATUNES (2) (AGA) - Great Demo
- DM71 HOLLIOBB JAMIN - New release
- DM70 DAS OMEN (AGA) - Latest release
- DM68 GRAPEVINE 21 (2) - The wait is over

UTILITIES
- U03 TEXT ENGINE 4.1 - Top PD text editor
- U04 PC TASK - Run PC progs on your Amiga
- U05 GARDEN DESIGNER - Design your own plot
- U11 LAST WILL AND TESTAMENT - Just sign it
- U18 ASI BOOT UTILS - Lots of them
- U19 ASI CRUNCHERS - Lots of them
- U29 AMICHECK V2.0 (WB2+) - Cheque book prog
- U38 SPECCY EMULATOR + GAMES (2) - Superb
- U42 AMIGA PUNT - Betting predictor
- U47 DISK SPARE - Expand your disk capacity
- U49 JR COMMS - Modern package
- U52 WB 3 BACKGROUND (WB3) - Lots of them
- U53 LITTLE OFFICE - Small office utils
- U54 CLUMPY ICONS - Loads of them
- U55 SPACE WRITER (1.3) - Demo maker
- U61 S.I.R.D.S - Create your own images
- U63 SUPER DARK - Screen blankers
- U67 HD CLICK - Hard drive menu maker
- U70 MANIACTOR 1.55 - Animation editor
- U71 COP THE LOT PRO - Lottery predictor
- U72 ACTION REPLAY PRO V4 - Superb utility
- U75 1200 HD SET UP DISK (WB2+) - v. good
- U77 MEGGA ED - Superb text editor
- U80 VIRUS Z II (WB2+) - Excellent virus program
- U87 464 PACKAGE - Brilliant CBM emulator
- U88 SYSINFO 3.24 - Analyse your system
- U89 MEM MORPH - 50 time faster than other PD progs
- U91 TEXTURE STUDIO (WB2+) - Imagine texture renderer
- U92 BBLANKER 3.6 (WB3+) - Superb screen blanker
- U95 PROGAMBLE 2.1 - Gamabling predictor tool
- U96 T.U.D.E V1.92 - The ultimate degrader and enhancer
- U97 STUDLEYS HD INSTALLERS 3 - Install games to HD
- U100 MAGIC WBENCH 1.2 (WB2+) - Very powerful
- U98 MAGIC WBENCH EXTRAS (WB2+) - Use with U100
- U99 MAGIC WBENCH EXTRAS 2 (WB2+) - Use with U100
- U104 WORKBENCH 1.3 (WB2+) - Degrade 600/1200 etc
- U107 GOLD ED 3.0 (020 PROCESSOR) - Brill !!! Text editor
- U108 MANDELLA - Amazing fractal generator
- U106 MENU MAKER (NOT WB3+) - Create menus with ease
- U131 MODEM UTILS - A superb collection
- U152 PRINTER DRIVERS 2 - Yours might be in here
- U153 PRINTER DRIVERS - Another large collection
- U150 POWER LOGO - Excellent word processing pack
- U165 RIM DATABASE - The best available in the PD
- U176 SID (2) - Every type the utility
- U201 ULTIMATE DISK CREATOR - Need we say more?
- U216 VIDEO TRACKER - Wow!!! A superb video package

CLIPART
- CA019 ESSENTIAL CLIPS - Over 130 clip art images
- CA018 CARTOON BRUSHES - Ready to use with D Paint etc

MUSIC
- MU19 ENHANCED SOUND TRACKERS - A good collection
- MU21 OCTAMED v4 - A superb 8 track music package
- MU22 MED 3.21 - As above but with 4 tracks
- MU35 DRUM STUDIO (1.3) - Fantastic drum machine
- MU88 JUKEBOX - Play CD's while you work

EDUCATION
- E067 C ENCYCLOPEDIA (12) - Comprehensive guide
- E011 D PAINT III TUTOR - Essential for D Paint work
- E014 EASY SPELL II - Kids spelling package
- E018 G.C.S.E MATHS - Fantastic!!!! Gain top marks
- E063 KEYQUICK - Typing tutor

FREE FREE

GAMES CHEATS 1.4 EMULATOR

ON ALL ORDERS

UNDERGROUND

FREE FREE

LIBRARY DISK POST & PACK

ON ALL ORDERS

PLATFORM GAMES
- 1036 A12 NEQQUICK
- 1233 ROACH MOTEL
- 1221 DUDES NOT 1.3
- 1202 JOUSTER V3
- 1225 BOUNCER NOT 1.3
- 1218 TRAP-EM NOT 1.3
- 1201 A12 WEIRD WILLY
- 1243 A12 TECNOVENT
- 1217 DUCK DODGERS
- 1191 DR STRANGE V2

SPACE BLASTERS
- 911 SOLO ASSAULT
- 906 OBLITERATOR
- 498 THE LAST REFUGE
- 1139 TRACER NOT 1.3
- 1192 A12 D.N.X. 2 DISK
- 1158 A1200 THESIUS

ARCADE GAMES
- 555 HUGO V2.5 DISK
- 976 BEAVIS & BUTTHEAD
- 975 SUICIDE MACHINE
- 273 KELLOGS EXPRESS
- 912 RUDOLF-SANTA
- 1242 GALLEONS
- 1206 GORY XMAS
- 1207 SHOOT BADDIES
- 1239 ALIEN NET NO 1.3
- 1216 ELF SQUAD NO 1.3
- 1168 S.TANKS V1.8
- 1272 BYKERBABES NO 1.3
- 1237 ARTILUS NO 1.3
- 1232 C.TANKS NOT 1.3
- 1235 LEDCLONE V2
- 1179 A.BASH 2 NO 1.3
- 1169 PSYCHEUL NO 1.3
- 1187 DARK ANGEL 2 DSK
- 1244 EARTH DEFENCE

P.D. VERSIONS
- 025 HUNTER PLUS
- 477 CADAVA-VENUS FLY
- 022 GODS-T/MACHINE
- 026 ROBOCOP-T/RECALL
- 522 OSCAR CD A1200
- 815 LEMMINGS PACK
- 023 RICK DANGEROUS

COMBAT GAMES
- 941 FATAL BLOWS
- 938 MARTIAL SPIRIT
- 290 FIGHT WARRIORS
- 1068 2DSK CYBERGAME
- 1238 WEAPON MASTERS

CLASSIC GAMES
- 011 ASTEROIDS
- 693 MISSILE COMMAND
- 778 OVERLANDER
- 692 SPACE INVADERS
- 841 COOKIE
- 308 DONKEY KONG

DRIVING GAMES
- 974 F1 EDITOR 94/5
- 951 FLAMMING ENGINES
- 469 THE ROAD TO HELL
- 735 AUTOMOBILES
- 1072 SUPER DRIVER
- 1059 MANSELL NOT 1.3
- 1055 2DK HYPERACE A12
- 1132 A12 LAST LAP
- 1224 INTERSTATE NO 1.3

SIMULATORS
- 1008 7DSK TOM CAT H/D
- 926 HELICOPTER
- 332 SEALANCE-SUB
- 811 CAR MANIACS
- 544 AIR WARRIOR
- 333 BATTLE CARS V2
- 1133 M.F. TANKS
- 1273 A12 TRAIN DRIVER

SPORT GAMES
- 1014 CRAZY GOLF
- 366 GOLF 18TH 2 DISK
- 822 CRICKET AMOS V2
- 630 TEN PIN BOWLING
- 104 FUTURE FOOTBALL
- 1251 A12 FRE-TENNIS
- 1247 UNS - SOCCER
- 1171 2 DSK CRS-ANGLER

HINTS & CHEATS
- 418 1000 CHEATS
- 931 BACKDOOR V3
- 821 PASSWORD MANIA
- 813 GAME TAMER V4.5
- 820 MEGA CHEATS
- 681 SIERRA SOLUTIONS
- 1118 UP TO DATE V1

OVER 16 GAMES
- 997 2 DSK ADVENT V1
- 1001 2 DSK ADVENT V2
- 101 TERROR LINER V1
- 712 TERROR LINER V2
- 1081 ADULT TETRIS
- 1176 A12 NUMBERS V2
- 1248 STRIP POKER
- 1145 A12 NUMBERS V1

TETRIS - COLUMNS
- 294 KLACK-TRIS COLMS
- 107 TWIN-TRIS TETRIS
- 390 DIZZY DIAMONDS
- 293 DR. MARIO COLMS
- 617 NUMBER-TRIS
- 626 MEGA-BLOX TETRIS
- 013 TET-TREN TETRIS
- 597 TETRIS PRO
- 611 HOT-BLOX TETRIS
- 657 ZYNX COLUMNS
- 1245 VIRUS NOT 1.3
- 1240 ROCK - SLIDER
- 1215 A1200 BLITRIS

PAC-MAN GAMES
- 230 SUPER PAC MAN
- 008 ORIGINAL PAC MAN
- 592 PAC MAN RETURNS
- 252 YUM YUM PAC MAN
- 397 DELUXE PAC MAN
- 1096 PUC MAN
- 1138 A12 CYBER MAN

BREAK-OUT & PONG
- 003 MEGABALL V1
- 459 MEGABALL V2
- 559 MEGABALL V3 NOA5
- 007 BATTLE PONG
- 421 REBOUNDER PONG

BOULDERDASH GAMES
- 731 HAUNTED MINES
- 254 EMERALD MINES
- 121 MARATHON MILES
- 351 ROYAL MINES
- 391 DIZZY LIZZY MINES
- 480 BLUE DIAMONDS

PUB-CLUB GAMES
- 560 WORLD DARTS
- 598 PIN BALL NOT 1.3
- 222 FRUIT MACHINE
- 010 POKER ARCADE
- 375 CARDS SOLITAIRE
- 1073 CARDS PACK
- 1140 A12 BLACKJACK 3DK
- 1246 AMIGA CRIBBAGE
- 1190 2 DSK HOT HANDS

BOARD GAMES
- 910 NEW MONOPOLY STAT
- 631 SCRABBLE
- 476 CHESS GAMES

ADVENTURE GAMES
- 1038 SEED OF DARKNESS
- 116 STAR TREK 2 DISK
- 877 BLACK DAWN V2
- 297 NEIGHBOURS 2 DISK
- 962 FEARS A1200 DOOM
- 954 D.O.N A1200 3 DISK
- 1136 A12 FEARS V2
- 1266 3 DSK PANIC SOS
- 1231 POUND ISLE NO 1.3
- 1209 LOST PRINCE
- A12 MURDER 4 DSK
- 1180 A12 I-DEMON 4 DSK

STRATEGY GAMES
- 967 COL-CON V2 NOT 1.3
- 968 KINGDOMS AT WAR
- 810 TASK FORCE
- 876 GLOBAL NUKE WAR
- 826 IND-ESPIONAGE
- 1182 A12 NIGHTMARE
- 1185 CRIT-HIT NO 1.3
- 1222 F-FORCES NO 1.3
- 1170 A12 LORDS 2 DSK

PUZZLER GAMES
- 953 CHANEQUE 2 DISK
- 914 JINX A1200 2 DISK
- 374 ESC-CASTLE KUMQAT
- 1135 SPRING TIME
- 1211 AMIGA GEMZ
- 859 10 PUZZLERS

MANAGER GAMES
- 876 SCOTTISH LEAGUE
- 404 METROS MANAGER
- 321 AIRPORT
- 322 MICRO MARKET
- 443 SLAM BALL
- 817 BLOOD BALL

QUIZ GAMES
- 1033 TAZ QUIZ NOT 1.3
- 1031 TREK TRIV 5 DISK
- 716 POP MUSIC QUIZ
- 309 THE QUIZ MASTER
- 462 WHEEL OF FORTUNE
- 991 TREK TRIVIA 2 DISK

LOGIC GAMES
- 1037 MARBLES GAME
- 1035 ATOMIC GAME
- 603 EXIT 13
- 442 REVERSI V2
- 119 DRAGON'S TITLES
- 112 DRAGON'S CAVE
- 323 OXYD LOGIC
- 530 OTHELLO

AMIGA LEISURE
- 1006 TEN PIN EDITOR
- 205 AMIGA PUNTER
- 228 PERM CHECKER
- 886 LEAGUE EDITOR
- 1210 LOTTO LUNATIC
- 1262 LOTTERY PROF
- 1194 CAR DATA NOT 1.3

A1200 MEGA DEMOS
- 1114 AGA FUDGE
- 1087 SHAKKA LAKKA
- 1130 ROOTS 18 V2
- 1274 CONTROL 2 DISK
- 1208 JAZ WAVE 2 DISK
- 1186 NOSTROMOS 12
- 1270 DOOM RAVE
- 1204 TAZ INTROS
- 1184 BOSNIS METAL
- 1220 AMIGA JAMMIN
- 1165 VENTILATOR

AMIGA MEGADEMOS
- 460 TEKNO RAVE
- 1015 2DSK TAZ QUEEN
- 1120 2DSK TAZ QUEEN 2
- 1104 2DSK OXYGENE
- 1084 ASCII NOT 1.3

A1200 SLIDE SHOWS
- 740 4 DISK MANGA
- 507 5 DISK WEIRD/SCI
- 760 2 DISK KING TUT
- 1271 PIXEL STORMS
- 1213 SCOOPEX ARTCORE
- 1193 LEMMINGTONS

AMIGA SLIDE SHOWS
- 704 REVELATIONS
- 061 PAT NAGEL'S GIRLS
- 918 ERIC'S GIRLS 2 DISK
- 936 AVIATION HISTORY
- 1111 5DSK BOLDLY GO
- 1060 5DSK LION KING
- 1040 3DSK AGA GLAMOUR

ARTWORK PACKAGE
- 465 KIDS PAINT
- 664 FUSION PAINT
- 063 ULTRAPAINT
- 349 SPECTRACOLOUR
- 748 ILLUSION PAINT

ARTWORK PROGRAMS
- 1026 JPEG GIF VIEWTEK
- 071 GRAPHICS CON KIT
- 070 GRAPHIC UTILS
- 133 FRAC LAND BUILD

ANIMATIONS
- 080 VIRTUAL WORLDS
- 084 PUGGS IN SPACE
- 233 COOL COUGAR
- 651 FAIRLIGHT 242
- 302 ODYSSEY 5D NOT A12
- 831 RED DWARF
- 475 BAIT MASKING
- 463 MR POTATO HEAD
- 474 MISS MAMISELLE A12
- 865 TAROT MASTER 2 DISK
- 861 AMY AT THE MOVIE
- 271 NEWTEK V2.2 DISK
- 347 NEWTEK V3 2 DISK
- 187 ANIMATION STUDIO

AMIGA VIDEO
- 329 VIDEO INSCRIPT
- 790 VIDEOTRACKER 5 DISK
- 148 S-MOOVIE

MUSIC MAKERS
- 220 FUNK KEYBOARDS
- 431 RAVE KEYBOARDS
- 661 MED WORKSHOP 4 DISK
- 202 MED V3.2
- 204 SOUNDTRACKER
- 729 DRUM MACHINE
- 787 SONIC DRUM KIT
- 866 OCTAMED TUTOR
- 738 OCTAMED V2
- 136 THE ART OF MED
- 192 THE COMPOSER
- 618 MUSIC DATABASE
- 981 AUDIO ENGINEER
- 1268 HIPPO PLAYER

CLASSIC-POP
- 1029 COTTONEYE SONG
- 201 PIANO CLASSICS
- 234 VIVALDI 2 DISK
- 342 AMIGA-DEUS
- 213 DIGI CONCERT V2
- 620 BAGPIPE MUSIC
- 750 DOOP DOOBY DOOP
- 248 EXPRESSION V2
- 473 RHYTHM'S DANCER
- 1147 7 DSK JUKEBOX

SAMPLES - MODS
- 660 KORG 01W 8 DISK
- 218 HOUSE 2 DISK
- 206 SELECTION 7 DISK
- 647 SOUND FX 3 DISK
- 619 DRUMS 2 DISK

AMIGA EMULATION
- 423 2 DISK SPECTRUM
- 889 PC EM 2 DISK
- 327 ACTION REPLAY
- 300 RELOKICK 1.3
- 955 RELOKICK 1.4A
- 414 SKICK 1.3-3.0
- 1198 AMIGA-MAC NO 1.3

DISK COPIERS
- 380 NIBBLER (NIB)
- 727 MULTI TASK (MT)
- 158 X.COPY PRO
- 357 COPY AND CRACK
- 325 LOCK PICKER V2
- 416 MAVERICK V5
- 1252 LOCK PICKER

HARD DRIVES
- 191 H/D CLICK MENU
- 779 W/B 3 INSTALL
- 780 W/B 2 INSTALL
- 621 H/D STACKER
- 665 MR BACK UP PRO
- 490 8 DISK MAGIC W/B
- 533 H/D SUPERLOCK
- 957 GAME INSTALL V2
- 1141 GAME INSTALL V3
- 1199 GAME INSTALL V4

PRINTING
- 065 AMIGA FONT 7 DISK
- 100 PRINTER DRIVERS
- 048 PRINTING STUDIO
- 345 BANNER MAKER
- 243 AWARD MAKERS 5 DISK
- 057 TEXT ENGINE V4
- 393 LABEL DESIGNER
- 394 INVOICE PRINT
- 437 EDWORD TEXT ED
- 749 FORM PRINTER

AMIGA BUSINESS
- 832 DATABASES 2 DISK
- 092 ACCOUNT MASTER
- 240 ADDRESS BOOK
- 691 DAILY DIARY
- 470 LITTLE OFFICE
- 244 SPREADSHEET
- 535 UK S.T.D CODES
- 1121 REM-DATE

COLOUR CLIPART
- 637 6 DISK COL/BRUSH
- 633 7 DISK CLIP ART
- 901 9 DISK WORLD MAP

MONO CLIP ART
- 172 15 DISK PORTFOLIO
- 558 7 DISK CLIP ART

AMIGA MODEM
- 702 COMMS TUTORIAL
- 413 N.COMMS V3
- 079 OPTICOMMS V2
- 690 DMS PRO
- 1032 MAX BBS PROG

PROGRAMMERS
- 288 A-BASIC TUTOR
- 190 PCQ PASCAL
- 362 C TUTOR 12 DISK
- 306 UNDERSTAND AMOS
- 722 TONS OF AMOS
- 1067 AGA DATATYPES

DO IT YOURSELF
- 1097 2DSK HELM
- 239 SLIDESHOW MAKER
- 381 ADVENTURE MAKER
- 808 MAKE A DISK
- 242 MENU MAKER
- 585 2 DISK PARNET
- 1154 HEDLEYGUIDE A12
- M.U.I. NOT 1.3

VIRUS CONTROL
- 506 A1200 VIRUS
- 160 M.V.K PLUS
- 993 VIRUS Z

AMIGA UTILITIES
- 1030 A12 DIONIC TOOLS
- 612 4 DISK TOOL KIT

DISK & SYSTEM
- 166 SYSTEM TESTER
- 467 FILE UNDELETE
- 194 DISK OPTIMISE
- 356 ENGINEERS KIT
- 245 FIX DISK
- 168 HARDWARE MANUAL

AMIGA EDUCATION
- 766 GEOGRAPHY
- 532 MATHS 5 DISKS
- 644 ENGLISH 4 DISK
- 486 LANGUAGES 4 DISK
- 270 PLANETS 6 DISK
- 304 ENGINES 5 DISK
- 059 AMIGA TUTORIAL
- 1269 DPAINT 4 TUTOR
- 937 A1200 / 600 TUTOR

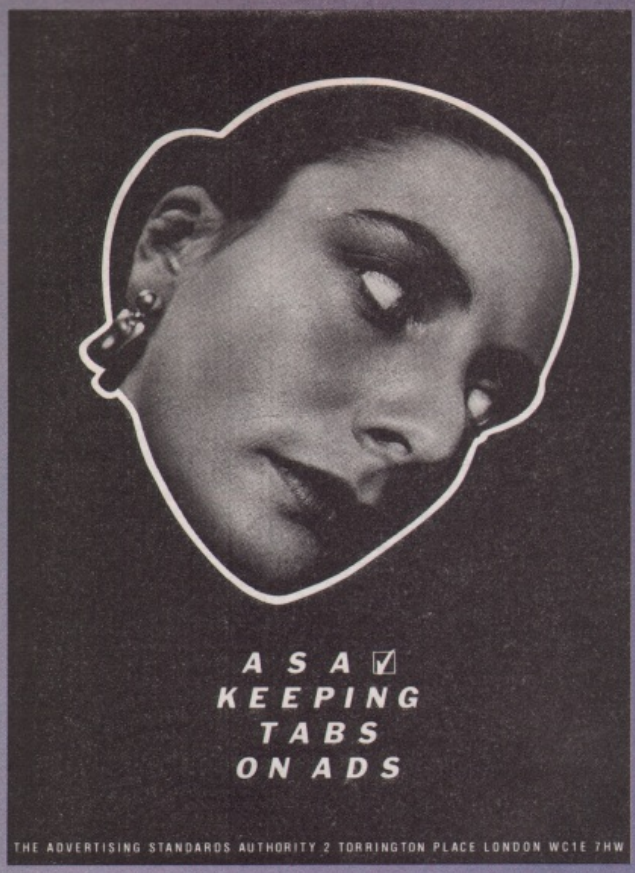
DISK COST £1.25 EACH, NO MINIMUM ORDER, ALL VIRUS FREE AND USER FRIENDLY.
All games are on 1 disk and run on all Amiga's unless otherwise stated
PICK AN EXTRA DISK FOR FREE WITH EVERY EIGHT DISKS YOU PURCHASE

UNDERGROUND PD, 54 CARMANIA CLOSE, SHOEBURYNESS, ESSEX SS3 9YZ. TEL: 01702 295887

Name: ..... Amiga Model: .....

Address: .....

..... Postcode: .....



CAT DISK £1 OR FREE WITH EVERY ORDER

FREESTYLE PD

TEL: 01922 710985

TWO FREE DISKS WITH EVERY 10 ORDERED

DISK PRICES

1-20 £1 EACH
21+ 75p EACH
P&P 50p PER ORDER

UTILITIES
- WB3 HD Install
- Tools Deemon v2.1
- HD Games Install 2
- HD Games Install 3
- HD Games install 4
- Re-org V 3.2
- Viewiek V2.01
- Graphic Workbench AGA (2)
- Retro Crests for above
- Action Replay Pro AGA
- Demo Mania (2)
- X-Password V3.5
- Amiga Dos Guide 1.5
- Guide to WB3
- Main Actor V1.55
- TUDE V1
- Rekickit V1.4
- Birthdate History
- Disk Stick V1.1
- Magic WB V1.2
- D.Opus Magic Comp
- Vark Cli Utils 9
- PC Task v3.1
- Bookie Beater
- Best Lottery Program
- Notebook
- Multivision AGA
- Super Killers WB3
- ASI 1200 Fix Disk
- ASI 1200 Fix Disk2
- A1200 WB Hacks
- Blackboard AGA
- Enlock V1.4
- MP Super Lottery
- 3D Converters (2)
- Gantree
- Image Engineer V1.1
- Basic Electronics
- Spondulix V
- Terminus
- Final Fax
- Pamet HD
- Pro Gamble 2.1
- Amos Extensions (3)
- GFX Convertor 1.2
- Jack The Ripper
- D.Paint Buddy system
- Personality Analysis
- Comms Guide 2.1
- Virus Base 1.1(2)
- Lottery Master
- Cop The Lot
- Easy DMS
- Tools Manager (2)
- Image Studio 2 (2)
- On Form V1.3
- Icon Toolbox
- F1 GP ED V3

UTILITIES
- Assigns Manager
- MW8 Icon Archive
- Icon Archive
- Sonic Drumkit 2.1
- ASI Disk Archivers
- Assembly Lang Tutor
- Imagine Tips+ Tricks
- Arexx Users Reference
- Lock Out V2.1c
- Audio/ Anim Studio
- Clone Copiers
- Lock Pic II
- Diskdalve 2
- Super League V3.5
- Account Master V3
- ASI Multiprint 4
- WB2 Tutorial
- HD Click V2.7
- Imagine Buddy System (2)
- Text Engine V5
- Program Loader
- Dividend Winner
- ASI Video Titlers
- Forecaster V2.01
- Awards Con Kit
- Starview Astrology
- MCAD
- Little Office
- 500 Business Letters
- Forms Really Unkid
- Amibase Pro 2 V1.8
- Address Book
- Menumaster III
- Pools Wizard Jnr
- D-Copy 3.1
- Fast Intro Maker
- Engineers Kit
- Printer Drivers
- More Printer Drivers
- Easy Calc +
- Last Will & Testament
- Wine Making Utils
- Pools Tools 2
- Slideshow Con Kit
- Slideshow Maker
- Word Sort
- Nib V2
- HD Tools V2 (3)
- Disk Utils V2 (2)
- Printing Tools (3)
- Crunch Mania (2)
- Most Useful Utils (2)
- Word Power
- Animated Pointers
- Radio Ham Utils
- Ami Cash
- Mannys Print Utils
- Word Puzzle Pro

AGA SLIDESHOWS
- Pixel Storm
- Art Core
- Chrysties (2)
- Sun (2)
- Jurassic Park
- Eternal (2)
- Wild Wheels
- Babylon 5
- Doom II
- Honey Comb (2)
- Manga (4)
- Shad Art (2)
- Doom
- Alien Sclenos (2)
- Deep 9
- Deeper 9
- Scan is Lame (2)
- Ferrari Slides
- Red Dwarf Slides (2)
- Star Wars Slides (2)
- NLP Rendershow (2)

SLIDESHOWS
- 101 Uses For Dead Cat
- Stratosphere
- Motorcycles 2
- Seven Seas (2)
- Invisible World
- Beavis & Butthead
- Creepshow
- Gore
- Cindy Crawford (2)
- Istanbul Style
- Ren and Stimpy

DEMOS
- 9 Fingers (2)
- State of the Art
- Jesus On E's (2)
- Extensions
- Technological Death
- Arte
- Agony
- Int Exile
- Overdose
- Alpha+Omega 2 (3)
- Skizzo II (4)
- 24D/Fairlight
- Subtle Shades
- Desert Dreams (2)
- Deep Bass (2)
- Rave Nation (2)
- Groovy
- Rave Rance
- Mind Riot
- Sequential

CLIP ART
- Dandy & Beano
- Space/Transport
- Golf Humour
- Wild Cats
- Bears
- Animals (4)
- Comics/Myths
- Cats
- Showtime
- Vanity (2)
- Beatrix Potter
- Christmas (3)
- Families (2)
- Children (2)
- Birds
- Dogs
- Flowers
- Food
- Scenery (2)
- Women (2)
- Houses (2)
- Weddings (2)
- Schools
- Banners (2)
- Borders (2)
- Colouring Book
- Restaurant (3)
- Medical (2)
- Mac
- Pagesetter
- Men (3)
- Business
- Babies
- Vehicles
- The Office
- Religion
- People (4)
- Sports (3)

COLOUR CART
- Cats
- Instruments (2)
- Horses (2)
- Tiny Toons
- Lion King (3)
- Dinosaurs (2)
- Birds (6)
- Planes (2)
- Ships (2)
- Fish (6)
- Reptiles (4)
- Insects (4)
- Fruit (3)
- Vegetables (4)
- Mammals (10)
- Cars
- Dogs

FOR A RAPID RETURN PLEASE MAKE CHEQUES/POSTAL ORDERS PAYABLE TO: FREESTYLE PD, DEPT CU, 108 WOODSIDE WAY, SHORTH HEATH, WILLENHALL, WEST MIDLANDS WV12 5NH

NTA

PUBLIC DOMAIN

NJH,(CU) 12 Meesons Mead
Rochford, Essex SS4 1RN
TEL :01702 546796

HOW TO ORDER: Tick titles required and send with your name, address and payment of cheque/postal order/cash Payable to NJH to the address at the top of this advert. Handwritten orders also accepted.
ORDERS SENT BY 1st CLASS POST THE SAME DAY
ALL DISKS ERROR/VIRUS CHECKED AND CARRY A ONE FOR ONE REPLACMENT GUARANTEE

DISK PRICES

1-19 80p per disk
20-49 70p per disk
50+ 60p per disk
Please add 70p to order for P+P
( ) after title=number of disks

only a small selection is shown in this ad feel free to phone or send a sae for a cat disk for full lists. We also stock Fred fish upto 1000, Scope upto 210, Assassins games upto 255, Lsd tools, fonts, Clipart and much much more.

SPECIAL OFFER

ANY 20 PD DISKS FOR ONLY £14.00
ANY 50 PD DISKS FOR ONLY £30.00

3 FREE DISKS FOR EVERY 10 ORDERED

GAMES
- 18 Hole Golf (2)
- ABBI (3)(HD)
- Ant Wars (2)
- Arcade Classics 1
- Arcade Classics 2
- Automobiles
- Battle Duel
- Board Games 2
- Bomb
- Car Business
- Cardz
- Catapults
- Chart
- Coin Mania
- Commando Raid
- Cybertris
- Day at the races
- End Of The Night (3)
- Deluxe Pacman
- Diamond Caves
- Dynamite Warriors 2
- Emerald Mine Pro 4
- Fishy Fishy
- Flaming Engines
- Frutimania
- Gift
- GP Manager
- Great Gold Raid
- Gunfighter
- High Octane
- It's The Pits
- Jet Set Billy (2)
- Jet Set Willy 3
- Kingdom Al War
- Last Lap
- Mangled Fenders
- Mash
- Mech fighter
- Megaball 2.1
- Mr Men Olympics (2)
- Neighbours (2)
- Og The Caveman
- Parachute Asset
- Paradroid 64
- Poker Mania
- Punter
- Raise The Titanic
- Road To Hell
- Route 66
- Scottish Football
- Screech
- Skidmarks
- Soccer Cards Usa
- Solo Assault
- Space Taxi
- Star Fighter (2)
- Star Trek (2)
- Star Trek Adv (3)
- Starbase 13 (2)
- Starwoids (2)
- Stewards Enquiry
- Suicide Machine
- Super Mega Fruits
- Super Nibbly
- Talisman (2)
- Team Tetris
- Tetris Pro
- Texas Chainsaw
- Thermonuclear War
- Thesius XII
- Tommy Tankers
- TomatoFruitmachine
- Waynes World Pong
- Wibble World Giddy
- World Darts
- Wrestling (2)
- Xenon

UTILITIES
- HD Games Install 3
- Virus Checker 7.17
- Lottery Master
- HD Games install 4
- Beat The Bookie
- Lottery Winner 2
- Term 4.3 (3)
- Magic Selector
- Deliltracker 2.1 (2)
- VMM 3.2
- Pro Gambler 2.1
- Tools Manager 2.1 (2)
- Easy DMS
- Octamed 4
- Exotic Ripper v3
- BBS 2.5
- AF Copy 4
- Cross Mac
- Disk Manager 4
- Assign Manager
- Epoch Master 5
- Fab Package 3 (2)
- HD Games Install 2
- Hardware Hacks
- AIBB 6.5
- Graphic Cavertors (2)
- Silicon Journal
- Blitz Case
- Menu Menu
- Octached Modules (4)
- Hard Utils 2000 (2)
- Cross Dos
- Rookies Copy utils
- MUI v2
- Secret Elf Squad
- Movie Maker 2 (2)
- Course Angler (2)
- Senai Massacre 2
- Biker Babes
- UFO Enemy
- Ultimate Manager
- Bob lemon
- Plords
- Alien Bash 2
- Circus Games
- Fridaynight Pool
- Woogies
- Matter Of Time (3)
- Earth Defence

DEMOS
- World Of ASCII
- Doomed
- Coogie
- Metalica (justice)(2)
- Metalica (puppets)(2)
- 9 Fingers (2)
- Flying Lessons
- The Fight anim
- Techno Warrior
- State of the art
- Sikizzo 2 (4)
- Arte
- Wind It Up
- Rockily (4)
- Dream Trippin
- Jesus On E's (2)
- Manga Slides (2)
- Vomit

LATEST
- Minerunner
- Helsinki Force (3)
- Tank Attack
- Scrotax
- Dig
- Strike Commander
- Severed Heads (2)
- Inner Demons (4)
- Word Puzz Pro
- Burger Bar
- Secret Elf Squad
- Movie Maker 2 (2)
- Course Angler (2)
- Senai Massacre 2
- Biker Babes
- UFO Enemy
- Ultimate Manager
- Bob lemon
- Plords
- Alien Bash 2
- Circus Games
- Fridaynight Pool
- Woogies
- Matter Of Time (3)
- Earth Defence

MISC
- Grapevine 21 (2)
- UFO Info (6)
- Witches Cookbook
- Magic
- Paranormal (2)
- Strange (2)

1000 GAMES
- Deluxe Pacman1.6
- Wheelbarrow sim
- Apple jack
- Cuala Demo
- Brainwarp
- Donkey Kong
- Battle Duel AGA
- Beyond the Worlds 4
- Child Murderer (4)
- Madhouse (2)
- Hyper Race (2)
- Super Combat 3 (2)
- Tetris
- Jinx AGA (2)
- Tetris Duel AGA
- Samurai Showdown
- Rocketz
- Cybertech corp (2)
- Mad fighter 2 (3)
- Tatoon II AGA
- Bacman AGA
- Zombies II AGA
- Pyjar Turbo
- Aga Megaball
- Aga Tetris
- Motorola Invaders 2 (2)
- Dipro
- Klondike (3)
- Klondike 2 (4)(hd)
- Klondike Cards (8)

1200 FILS
- Lottery Predictor
- Shutbuffer 3.2
- ZX.AM Spectrum v2
- Speccy games1 (4)
- Speccy games2 (4)
- Movegnide2(2)(hd)
- ASI Fixes
- ASI Fixes 2
- Action Replay 4
- 1200 Diagnostics
- ASI Multivision
- Magic WB (hd)
- Videotracker 5
- Apdyn Wb3 Utils
- AGA Utils #1
- AGA Utils #2
- AGA Utils #3
- AGA Utils #4
- AGA Graphic Utils
- Mod Ed
- Symphonie Pro
- Kick 1.4
- Wb3 Backdrops
- Wb3 Virus Killers
- Wb3 Hacks

1200 SLIDES
- Doom II Slides
- Liz Hurley (2)
- Beach Babes (5)
- Kylie Minogue (3)
- Danni Minogue (3)
- Pam Anderson (2)
- Claudia II (2)
- Lingerie (5)
- Pool King (3)
- Cindy Crawford (4)
- Wild Wheels
- Nicki Taylor (2)
- Babyloft 5
- Red Dwarf (2)
- Holodeck (4)
- Bodyshop 3 (3)
- Aga Fantasy Pics
- Star Trek Aga
- More Star Trek (5)
- Ertka
- Classics
- AGA Manga (4)
- GIF Beauties (6)
- GIF Beauties v2 (6)
- GIF Beauties v3 (6)
- Sherilyn fenn
- Phoebe Cates
- Pet Cats
- Fit Chix 2 (2)
- Fit Chix 3 (2)
- Jon King art (3)
- Ham 8 Vistas
- Ferrari Slides
- Shad Art (2)
- Tutankhmun (2)
- Scan Is Lame (2)
- Deep 9
- Deeper 9
- Star Wars Slides (2)

1200 DEMOS
- Manual Overdride
- Doop (2)(HD)
- Omen
- Motion Bomb (2)
- Wiz Premium
- Apex Datsy
- Switchback (2)
- Twisted Minds
- Imagine
- Ninja
- The Kid
- Shakka Lakka
- Explorer
- Pee Wee
- Soul Kitchen (2)
- Roots
- Nexus 7
- Killing Time (4)
- Prey (2)
- Love (2)
- Some Justice 94
- Max Overdrive 2 (3)
- Fatal Morgana
- Ray World (3)
- Full Moon
- MindWarp
- Planet Grove
- Explicit 2
- Final Chapter (3)
- Friday at 8
- Mini Omistan
- Artificial Paradise (2)
- If Feel Good
- Neoplasma

CD ROMS

Colour Library £7.99
Aminet 2 £17.99
Network CD 2 £14.99
Super Cars £4.99
Speccy 2 £12.99
Cd64 Sensations £15.99
NFA AGA £17.99
Sci-Fi Sensations £17.99
Arcade Classics £14.99
Groller Encyclopedia £23.99
UPD Gold £23.99
Sexy sensations £17.99**
Adult Sensations 2 £17.99
Aminet 5 £12.99
Aminet 9 £12.99**
Aminet Set 1 £24.99
Aminet Set 2 £24.99

70p + p+p per order (titles marked with a ** will be sent on day of release) (Loads more cds in stock please phone or send a sae for a cd catalogue)

ZX SPECTRUM V2

WITH THESE PACKS IT IS POSSIBLE TO RUN THE CLASSIC SPECCY GAMES ON YOUR AMIGA
SPECCY & 100+ GAMES ONLY £6
SPECCY & 600+ GAMES ONLY £25
(PLEASE SPECIFY WHICH AMIGA YOU HAVE)

Horizon Licenceware

Touch Typing Tutor 2 £3.50
Fast Fret £3.50
Lottery League £3.50
Winning Post £4.00
Dragon Tiles 1.2 £3.50
Power Accounts £3.50
Crystal Skull £3.50
Harry £3.50
Hard Drive menu 2 £3.50
Sentinal £3.50
Frenzier Defender £3.50
Reflection £3.50
Lets Learn 2 £3.50
Dreamstream £3.50

KT's

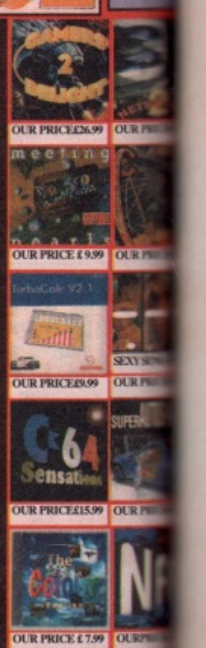
(01702) 542434
CREDIT CARD HOTLINE

LATEST PD TITLES
- U805 VIRUS CHECKER V7.18
- G584 HELSINKI FORCE (3 DISKS)
- G585 TANK ATTACK
- G586 SCROTAX
- G587 TAG (2PLAYER SHOOT-EM-UP)
- G588 STRIKE COMMANDER
- G589 SEVERED HEADS TO(PH ADVENTURE (2)
- G591 POWEROIDS 1200 ONLY
- G592 MARATHON 1200 ONLY
- G593 BIKER BABE (SHOOT-EM-UP)
- G595 BLACK-KNIGHT (FRUIT MACHINE SIM)
- G596 RISK (BOARD GAME)
- G597 MOTORWAY MADNESS
- G598 LEAGUE CHAMPIONS(SPWAY MANAGER)
- U344 BRONX DENTRO AGA 1200 DEMO
- U345 NONAME AGA 1200 DEMO
- U346 SCOPEX ALIEN AGA 1200 DEMO
- U347 VACATION 2 AGA 1200 DEMO
- U348 THE DOGS COGS AGA 1200 DEMO (3)
- U349 PIXELSTORM BY ABYSS AGA 1200 DEMO
- U350 BRAIN-DEAD AGA DEMO
- U351 BRAINCELL AGA DEMO
- U352 BATMAN RETURNS (2)
- U353 RIDGE RACER DEMO
- U799 LOTTERY PRO + UTILS
- U800 EXECUTIVE V1(TASK MANAGER)
- U801 SYNDICATE PRO V1.04 (UK LOTTERY)
- U802 CLASS ACTION (HELP ALL HD USERS)
- U803 MCP V1.05(SYSTEM ENHANCER)
- U804 SHAPESHIFTER V3.2
- U806 NEW ICONS
- U808 GEOGRAPHICAL ATLAS (2) 2MB H/D
- U809 SKY DECUDER
- U810 DISSECT V1.1
- U811 LSD HARDWARE REF MANUAL
- U812 GRAPHIC WORKBENCH (4 DISKS)
- IS181 LOVELY GIRLS V2 (2 DISKS) 18+ AGA
- IS182 LIZ HURLEY SLIDES AGA (2 DISKS)
- IS183 A FEW GOOD MEN (EXCELLENT S/SHOW)
- IS184 GIRLS,GIRLS,GIRLS (2 DISK SLIDESHOW)
- G599 COARSE ANGLER 2 DISKS
- G600 CIRCUS
- G601 STATISTIC MONOPOLY
- G602 WHEEL BARROW SIM AGA
- G603 ALIEN BASH II
- G604 NECRONOM (SHOOT-EM-UP)
- G605 UN-SENSIBLE SOCCER
- G606 UFO ENEMY UNCLOTHED
- G607 COALA GAME DEMO
- G608 SUPREME EARTH DEFENCE
- G609 BOB LEMON
- G610 SENSIBLE MASSACRE II
- U354 MATTER OF TIME (3 DISKS)
- U355 QUE AGA DEMO H/D (2DISKS)
- U356 RAZOR DEMO H/D (4 DISKS)
- U357 INSTINCT DEMO AGA H/D (2 DISKS)
- U358 UNION(TEAR DOWN THE WALL)AGA
- U359 WATER WHISPER AGA DEMO
- U360 HIGH ANXIETY AGA H/D (2 DISKS)
- U361 BAYGON BY MELON AGA DEMO
- U362 BLOWING BRAIN AGA DEMO
- U363 PLANET M. BY MELON AGA DEMO
- IC464 CHRISTMAS CLIP-ART(5 DISKS)
- IS186 ASIAN BABES AGA S/SHOW (2 DISKS)
- IU814 IMAGES STUDIO V2.20 (2 DISKS)

CD ROM SOFTWARE
- CD005 GIFS GALORE.....£17.99
- CD007 17 BIT COLL. 2CDs.....£28.99
- CD039 17 BIT CONTINUE.....£13.99
- CD065 17 BIT PHASE 4.....£9.99
- CD033 AMOS USERS V2.0.....£17.99
- CD026 LOCK & LOAD.....£8.99
- CD062LSD TOOLS 2.....£17.99
- CD213 LSD COMPENDIUM 3.....£17.99
- CD031 MEETING PEARLS II.....£8.99
- CD040 EUROSCENE 1.....£8.99
- CD098W/S ANIMATIONS.....£17.99
- CD064 HOTTEST 5.....£14.99
- CD034 ASSASSINS.....£9.99
- CD070 POWER GAMES.....£8.99
- CD077DESKTOP VIDEO.....£13.99
- CD113 GIGA GRAPHICS.....£29.99
- CD061 UTILITIES PRO 1.....£7.99
- CD105G.F.X SENSATIONS.....£17.99
- CD038MULTI-TOOLKIT 2.....£17.99
- CD145 3D ARENA.....£22.99
- CD141 THE LIGHT WORKS.....£24.99
- CD182 THE COLOUR LIBRARY.....£7.99
- CD192 SUPER CARS.....£4.99
- CD196 DA CAPO.....£22.99
- CD028 PRO/ FONTS.....£7.99
- CD044 SOUNDS TERRIFIC 2 CD'S.....£16.99
- CD042 W/SCIENCE CLIPART.....£7.99
- CD043 W/SCIENCE FONTS.....£7.99
- CD098 W/S ANIMATIONS.....£16.99
- CD067 ILLUSIONS IN 3D.....£5.00
- CD105 G.F.X SENSATIONS.....£15.99
- CD038 MULTI-TOOLKIT 2.....£17.99
- CD053 CLIP-ART PRO 2.....£17.99
- CD156 MAGIC ILLUSIONS.....£11.99
- CD101 SOUND LIBRARY 2 CD'S.....£16.99
- CD180 SPECCY SEN VOL2.....£17.99
- ADULT SENSATIONS 2.....£17.99
- CD181 C64 SENSATIONS.....£15.99
- CD207 SC-FI SENSATIONS 2 CDs £17.99
- CD195 ANIMATIC.....£8.99
- CD168 UPD GOLD 4 CD's.....£24.99
- CD208 AMINET 8.....£12.99
- CD220 AMINET SET 2.....£23.99
- CD112 AMINET SET 1.....£23.99
- CD186 GROLIER ENCYCLOPEDIA.....£22.00
- AMINET 9 £12.99
- PLEASE ADD 75P PER CD FOR P+P

WE WILL PRICE MATCH ANY CDROM ANYWHERE.

ORDER ANY 3 CD'S FROM THIS ADVERT AND RECIEVE A CD UNDER £10 FREE.



Any 20 disks for £15

HOW TO ORDER. TICK TITLES YOU REQUIRE,CUT AND SEND,OR SEND IN YOUR OWN ORDER WITH NUMBERS LISTED,WITH YOUR PAYMENT.CH/PO/CASH/CCARDS TO KT'S DEPT CU 75 THE DRIVE, ROCHFORD, ESSEX SS4 1QQPLEASE INCLUDE YOUR NAME AND ADDRESS.ALL ORDERS SENT BY 1ST CLASS POST THE SAME DAY UP TO 4PM . CALLERS WELCOME...PLEASE MAKE CHEQUES PAYABLE TO KT'S

ALL FLOPPYS 90P EA

WE STOCK FRED FISH 1-
CLR Licenceware,Horizon Soft
ASSASSINS Collection up to
Also Scope and LSD Legal

Frequently asked questions

info beginner

So you've got (or are getting) an Amiga ... now what can you buy to make the most of it?

Q. I have a standard A1200. What is the first thing I should get for it?

A. Get some recent games for a start and enjoy yourself. Then sort yourself out with a good joypad (or joystick if you are an old duffer like me), and a good loud set of speakers. Then get hold of the latest Amiga demo programs and realise what an excellent machine you have just bought.

Q. Where can I get demo programs and this public domain stuff I keep hearing about?

A. The simplest way is to post off a cheque to the many PD libraries which advertise in CU Amiga every month.

Q. What hardware should I buy? I mostly play games.

A. You should think about stocking up the trapdoor expansion slot. Adding extra memory here will speed up the Amiga, because of the internal architecture. A memory board with a 4Mb SIMM is a great buy, but it will cost about £160 upwards. A hard drive will be useful as more games are becoming hard drive installable these days.

Q. Should I get an accelerator card?

A. Accelerator cards speed up the Amiga because they contain a new faster processor onboard, typically a 68030 or 68040. They are more expensive than pure memory cards and they require additional memory to work effectively. Pricing is very competitive at the moment and as you would expect, prices depend on performance. Equipped with a healthy 4Mb of RAM, a double-speed (28MHz) 68020 card costs about £260, a 50MHz 68030 costs about £350. If you only play games, an accelerator card is a lot of money. Not all games will benefit, but recently this has changed as titles such as *Alien Breed 3D* and *Extreme Racing* starting to make the most of extra hardware..

Q. I prefer using Workbench and serious software to playing games. What should I get?

A. Both extra trapdoor memory and a hard drive will make your life easier: the hard drive is probably more important, but getting more memory should be a number two priority. The A1200 was designed for 2.5" IDE hard drives, but many dealers sell 3.5" IDE drives which can be squeezed inside the case. It's also possible to add SCSI drives externally, but this is more expensive.

Q. Is a monitor a good idea?

A. Definitely. Even a relatively cheap monitor will give you a better picture than a television (although a Scart connection is pretty close) and the official Amiga monitor will also allow you to view the special A1200/A4000 AGA screen modes. These screen modes are twice the size of the standard modes, and very useful when using 'serious' software.

Q. Do I need a CD-ROM drive?

A. Yes, if you want to be able to use CD-ROM discs. The advantage of CD-ROM is that it can hold more data than 600 floppy disks, and it works reasonably quickly. There are many Public Domain software collections sold on CD-ROM and if you are a big fan you should get a drive immediately. The easiest way is to buy a SCSI interface such as the Squirrel and an external SCSI CD-ROM drive. Together these will cost £180 to £250 depending on the speed of the drive. Most games for the CD32 will also work on an Amiga fitted with a CD-ROM drive. An official Amiga CD-ROM drive should be available before the end of 1995.

Q. What other fun stuff is there?

A. Lots. If you have a video recorder or camcorder, get *VIDI, VideoMaster* or *ProGrab*. These are externally connected boxes (costing from about £50 upwards) which take incoming video signals and 'digitise' them to produce images which you can manipulate with your Amiga. If you don't have a camera you can use a scanner (about £80 for black and white, £160 for colour) which you drag over a photograph to get the same effect. A genlock will allow you to overlay Amiga graphics onto video (perfect for subtitling home videos) and a multimedia program such as *Scala* will allow you to create stunning presentations.

Q. What about a modem? Do I need one?

A. How could I forget! A modem will allow any Amiga to connect to local Bulletin Boards (for electronic mail and public domain software) or even the Internet. A 14k4 modem costs about £130 and all the software you need is freely available.

Q. What software should I get?

A. A good word processor like *Final Writer* or *WordWorth* will be very useful, especially if you have a hard drive and extra memory. Both are very smart, and genuinely useful. The Amiga has good graphics as standard and with a package like *Deluxe Paint* or *Personal Paint* you will be able to create images and animations. These can then be recorded to video tape for example.

Q. How can I produce realistic 3D pictures or animations?

A. A program such as *Imagine, LightWave, Cinema 4D or Real 3D* will allow you to draw out a wireframe model and then create an image as though the model really existed. You can position lights and cameras, control the texture and material of the objects and produce animations. Unfortunately the process is time consuming and a very fast Amiga (with a maths co-processor), lots of memory and a hard drive are all but essential.

Q. I'm into making music. How can I do this on the Amiga?

A. Get *OctaMED* or another 'sound tracker' program from a public domain library (a much enhanced version of *OctaMed* is also available commercially, though). This will allow you to easily compose music using the Amiga's built in sound sampling capabilities. Using MIDI interface and some sequencing software (such as *MusicX* or *OctaMED*) you can control external MIDI equipment and, talent permitting, create professional level music.

Q. Can my Amiga emulate other platforms, if I feel like a change?

A. Oh yes: it can act as an Apple Mac, a PC, a Spectrum, an Amstrad CPC – but why bother? It's best at being an Amiga, and Amigas are best. ■

John Kennedy

Masterclass

Unknown to you, your hard drive may be filled with unnecessary duplicate files. ARexx to the rescue!

Multiple copies of files needlessly take up valuable hard drive space. A simple solution would be to delete them. However, it's not as easy as it sounds as it is tricky to find these duplicates. Fellow FidoNet user Stephen Harris came up with the suggestion for this month's masterclass when he found that after prolonged downloading sessions he ended up with two or more copies of the same files on his hard disk. He wanted a program that would automatically find them all for him so he could get rid of them. Not one to disappoint readers I settled down to the job.

When writing a file handling program like this, *ARexx* is the perfect language. Not only does it support all the necessary commands, but it's included as part of the Workbench. It may not be the fastest, but in a situation like this even an Assembler program wouldn't run much faster and certainly the effort involved in writing an Assembler version would be hard to justify.

Make a list

To find duplicate files on a disk, the first thing to do is make a list of all the files. A single list held in memory is much quicker to process than having to constantly go back to the disk and re-read them.

For our example, I will take it that any two files sharing the same name and same file size are very probably the same. Although it is conceivable that this is not always the case, it will certainly do for the moment. Before any deletion takes place (which is not something this program attempts) it would be wise to check the files manual – or at least write another program to check them.

By far the easiest way to generate a list of files is to use the AmigaDOS LIST command: after all, that's what it is for. List is very powerful, especially when used with the LFORMAT option. LFORMAT allows only certain attributes to be displayed: in this case we need the filename, the file size and the filepath (where it is located on the disk), and so the LFORMAT string would look like this: **"%n %l %p"**

Try it: open a Shell and enter:

```
list lformat "%n %l %p"
```

If there is no path (because the file is in the current directory) it will not be listed. If you wanted to include more information, you can choose from. See Figure 1. Using the %d and %t options, you might want to re-write the program to include date and time searches. We can then start off our *ARexx* program, using the List command to create our reference table of filenames. To instantly create the file, the 'redirection' feature of AmigaDOS is used. By using a '>' symbol, what would normally be displayed on screen is send to a file. So when our program looks like Figure 2.you can tell that it is making a list and sending it to a file called 'templist' in the t: directory, which is usually in RAM. The first line is necessary to inform *ARexx* than any odd looking commands it comes across are to be treated as AmigaDOS commands. This is why the AmigaDOS List command can be easily included in the ARexx program.

Figure 1

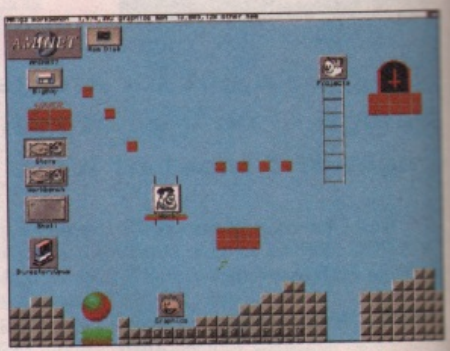
```
%a - file attributes
%b - size of file in disk blocks
%c - comments included in file
%d - the date the file was created
%k - the key block where the file starts
%l - the length of the file in bytes
%n - the filename
%p - the filepath
%t - the time the file was created
```

Figure 2

```
address command /* Use AmigaDOS */
'list lformat "%n %l %p" all files > t:templist'
```

Figure 3

```
do while ~eof(infile1)
     data1=readln(infile1)
     parse var data1 name1 " " size1 " " path1
     call open(infile2,"t:templist",'r')
do while ~eof(infile2)
     data2=readln(infile2)
     parse var data2 name2 " " size2 " " path2
     if ((name1=name2 & size1=size2) & (path1~=path2)) then do
          call writeln(outfile,name1||" "||path1)
     end
end
call
close(infile2)
end
```



▲ Time for the reader's workbench corner. This backdrop pattern is courtesy of Kevin Burges.

I've been duped

The next stage is the time consuming one: we have to go through the list, file by file, and check to see if there are any more occurrences. If there are, the details are copied into another file for later processing.

This program is pretty dumb, and simply takes the first file and compares it (both the name and size) to all the others in the list. If it occurs, the details are stored. Then the second file name is compared, then the third and so on. You can see that for ten files one hundred checks are made. For one hundred files, one thousand checks are made. This is an inefficient way of processing the files, but it works. It's a good programming exercise to find a faster way.

The (slow) system works by first of all preparing an output file to store the duplicates. The file is opened in t: and called 'report', by

Book Work

More details of AmigaDOS commands can be found in the Bruce Smith Books (tel: 01923 894 355) series 'Mastering AmigaDOS'. For more *ARexx* examples, the Abacus book 'Using *ARexx* on the Amiga' is a good choice.

this line of *ARexx* code:

```
call open(outfile,'t:report','w')
```

It's not very exciting, and of course, there should really be code to check that the file has been opened successfully. I'll leave that for you to put in place.

Now we need to open the list file and go through it file by file. I'm actually going to open it twice, as though it were two separate files, by using two file pointers. Each file pointer keeps track of a different location in the file and so each works independently of the other.

Check out figure 3 as an example. It's a chunk of *ARexx*. It looks frightening, but we'll go through it together so don't panic.

The first line makes sure the file is used right until the very end, when the EOF or 'End Of File' condition becomes true. The next list reads in the first filename, size and path information.

The third line is one example of why *ARexx* is terrific at this sort of thing: the Parse command easily splits the line of text we just read and splits it into variables, ready for checking. The line contains the name, size and path in that order and separated with spaces, and Parse puts the name into the variable "name1", the size into "size1" and the path into "path1" (if there is one). With the details stored, the program then re-opens the file and looks through it. If the names and sizes match the details are written to another file. We need to check the path here too, or each file will be checked against itself and included as a duplicate.

Sort it out

With the new list created in memory, it's time to do a little processing. This is required to remove any double-occurrences which may have sneaked in, but also make the report easier to read.

As you can see from the final listing, the first step is to sort the list into order, and get identical filenames all bunched together. The AmigaDOS Sort command (I bet you didn't even know there was one) will do this in seconds for us, and create a new file called 'report2'.

We can then get to the display process. Although the sorted file is in good shape, it will contain multiple references to the same file. The display routine looks through the new report file and tries to make sure that only one reference to each file is displayed. The display program also adds a dividing line to make sure that different file duplicates are spread out. All that remains to be done is the removal of the temporary files we created whilst making the report.

Searching For Clones Made Easy

```
/*
    Search for duplicate file names _ 1995 John Kennedy
*/
address command /* Use AmigaDOS */
/* First, generate list of files & sizes */
Say "Making list of all files in current directory...."
'list lformat "%n %l %p" all files > t:templist'

/* Now, go though searching for duplicates */
Say "Searching for duplicates...."
infile1='infile1'
infile2='infile2'
outfile='outfile'
call open(outfile,'t:report','w')
call open(infile1,"t:templist",'r')
do while ~eof(infile1)
    data1=readln(infile1) parse var data1 name1 " " size1 " " path1
    call open(infile2,"t:templist",'r')
    do while ~eof(infile2)
        data2=readln(infile2) parse var data2 name2 " " size2 " " path2
        if (name1=name2 & size1=size2) & (path1~=path2)) then do
            call writeln(outfile,name1||" "||path1)
        end
    end
call close(infile2)
end
call close(infile1)
call close(outfile)

/* Now process the report file a little further */
/* Let's start by sorting it... */
Say "Sorting report file..."
'sort t:report t:report2'
/* Now display report, removing multiple files */
say say "Duplicate File Search Report"
say "_____"
say
call open(infile1,"t:report2",'r')
name2=''
path2=''

do while  ~eof(infile1)
          data1=readln(infile1)
          parse var data1
          name1 " " path1
          if (name1~=name2) then say
          if (name1~=name2 | path1~=path2) then say path1||name1
          name2=name1
          path2=path1
end
call close(infile1)
/* All done! */
'delete "t:report" quiet'
'delete "t:report2" quiet'
'delete "t:templist" quiet'
Say "All finished!"
```

Future moves

This program is very useful, but there are two main problems with it. Firstly, it is very slow when a large number of files are involved. If you are searching your entire 1Gb hard disk, it might be wise to let it run overnight. You could speed up the process by avoiding the rather crude searching algorithm used: sorting the file names into alphabetical order would speed it up immensely.

The second problem is that no checks are made for low memory conditions. If a large number of files are involved, it is possible that there won't be space in the t: to store them all. Changing t: to access a hard drive will work, but it will be slow. Also, the AmigaDOS Sort command is known to misbehave if memory is low.

If you get odd crashes, increase the Stack size of the Shell first. Enter Stack to see the current size, and then enter a larger number: stake 8000 for example.

The 'Dup Hunter' is a good basis for your own expansion. For example, you might want all the duplicated files to be copied or moved to a new directory where you can browse through them and decide which ones need to be removed.

You might want the process to be automatic (remember to compared the files closely before deleting any) and you could even set it up to happen every night by using a program such as 'cron'. It's also a great introduction to *ARexx*, a language which you will find both powerful and easy to use. ■

John Kennedy

Logos, meanings and mysteries:

CD32 queries, ParNET and various other CD ROM-related problems.

All about upgrading RAM, operating systems and processors.

Plug-in hardware of any kind: scanners, disk drives etc.

Answers to queries on particular pieces of software.

Music, sampling, MIDI and anything that makes a loud noise.

Miscellaneous tools to keep your Amiga running smoothly.

Form-feeds, page-breaks, preferences and lots, lots more!

Monitors, TVs, modulators, screen-modes and all that stuff.

Pixels, sprites, animation, pictures. In one small word: graphics.

Spreadsheets, databases, organisers, accounts ...

Everything you need answering about the internet

Not everything fits into a pigeonhole, but anything you like fits in here.

Amiga on the blink? Software or hardware getting you down? Well, write your problem down, providing as much information as you can about what exactly is going wrong, what type of machine and how much memory you have and send it in to the usual address. We'll sort it.

Young fresh faced Tony is here, as ever, to provide solutions in your quest for help.

And by his side the even more fresh faced Mat eagerly awaits all those pleas for assistance.

Duff hard drive

I am a 'not very happy' owner of an A1200. It all started when I asked my dad for a hard drive. The first drive I got didn't work at all. I then got another one which I thought worked. Wrong. It started malfunctioning as I installed *Image FX* onto it. The installer said something about the 'iffparse.lib' on the startup-sequence and I pressed 'proceed'. For some reason, every time I boot up now, I get the message;"Error: Unable to open your iffparse.lib V39".

However, I know that I have this file. I've even tried renaming it 'iffparse.lib v39' but that made no difference. Now even some things like *OctaMED 5.04* don't work, they call up the same error message and some stuff about the preferences drawer. Every time I boot up I get the message: "Work has error " and then a number. Also, when I try and save something to Work: I get the message; "Work: not validated" when it always had before. Please help or my dad will send back the hard drive.

Sean Talbot,
Great Bookham, Surrey.

The 'v39' that various things are quoting to you is the version number of the library and has nothing to do with the filename. Do NOT rename the libraries. It should be called 'iffparse.library' (not '.lib') and you can find it on your original Workbench floppy disk in the 'libs' directory. Just copy it onto your hard drive in the same place where you were performing the nasty rename operations. That will solve all the problems with programs asking for the library.

Finally the reason you are getting errors about your drive being 'invalided' is because it is corrupted. Nothing to do with the physical hard drive at all which is most probably operating perfectly. Resetting without waiting for something to finish saving is a common cause of hard drive corruption. A PD program such as DiskSalv will remedy the situation and is available from any PD house worth its salt. Check the adverts in the magazine for some good PD houses. Finally, I recommend you purchase a beginners book on the Amiga. Bruce Smith Books publish an entire range and there are several you should consider. Call them on 0923-894355 for information on their range.

SCSI power

I am considering buying an Aiwa ACD-300 CD-ROM and Squirrel interface to use on my dad's A1200. I have an accelerated A500 with Supra 500X SCSI interface and a 1/2 Gig SCSI-2 drive whacked on the side. As the Supra has a D-socket on the back for SCSI pass-through, will I be able to link the CD-ROM drive to the back of my Supra? If so, what cable will I need? Also, would I be able to link my hard drive, minus the SCSI controller of course, to the back of the CD-ROM drive? Do the necessary leads also provide power?

Gareth Carroll,
whereabouts unknown.

Indeed you can connect any SCSI device to the SCSI 25-pin D connector on the back of your Supra interface. What lead you need depends on the type of socket on the back of your CD drive. The 25-pin D type or the much large 50 pin variety. Either way leads are available from many computer retailers and are pretty standard affairs.

The next issue is power and that's not so simple. SCSI leads do not provide power themselves and so you need to power the drives separately. The CD-ROM is likely to have its own power supply (either a plug pack or a built in transformer) but if the hard drive does not possess its own supply then it will need a separate one. Without more details on the hard drive, we can't tell how it was powered when you connected it to the Supra interface.

Net linkup

I am planning to buy an Amiga A1200 later in the year and I would like to connect it up with the Internet but I am not sure how to go about this and what I will need e.g. what type of modem, what communications software, if I will need a hard drive etc. If you can do the above for me, I would be most grateful.

Michael Perriss,
Inverness-Shire.

You're about to open a veritable can of worms there. The easiest way to connect is still by subscribing to Demon Internet Services for a full Internet account.

Getting your hands on some software from an archive created by some other Amiga users on Demon is the next step. The archive you need is 'AmiTCP-DIS95.lha' and you can find it on a BBS such as Darkside BBS on 0181 771 9100. To do that you'll need a modem and a hard drive (it's about 1Mb in size). Buy a respectable brand of modem such as Supra or US Robotics and you can't go too far wrong. A fast one will save you money in the long run so a 28800 baud unit is recommended. A hard drive is essential for the Internet since the software is very complex and wouldn't even fit on a floppy disk or two.

Lastly, why not contact back issues

(tel: 01858 468 888) department and order the previous issues containing our Wired World tutorial (starting from August 95) which cover from first steps onto the Internet to setting up complex Internet software.

CU's CD hassle

I have a CD32 connected via SerNet to my A1200. Normally I access CDs via *DOpus* so I can copy off the bits I want but your Cover CD doesn't seem to work this way. File Not Found and DOS packet error message happen when I try to copy some files. Is the disk faulty or is this my set-up? Most of my other PD CDs work fine.

Anthony Brice,
Pizza Harrow.

The problem is complex but revolves around the elderly nature of Sernet and some bugs in the Commodore CD Filesystem in the CD32. (Thankfully, these bugs are fixed with Amiga Technologies newly released SetPatch on this month's cover disk) Sernet and the CD32 generally function satisfactorily but when used with Opus 4, problems can and do occur.

One solution is to use a terminal package such as NComm on the CD32 and on the 1200. Files can be sent via Z-Modem transfer and this can work more quickly than Sernet is capable of transferring anyway. Also accessing the CD directly from Workbench is perfectly feasible. If, after inserting the CoverCD, you enter the following line;

```
Assign Aminet7: NET:CD0
```

You should find that you can click on the NET: Icon and then the CD0: drive within to bring up the CoverCD. With the Aminet7 assign made, you can now activate the 'Find' utility over SerNet with no problems.

All cracked up

1. Why is there a loud crackling sound coming from one of my speakers?
2. Why when I use *Technosound Turbo ///* does the scanline not show on the screen?
3. Why does my Workbench screen flash sometimes between colour and black and white, until I click on the screen or in more persistent cases keep opening and closing some windows?
4. Why is CD-ROM called this? I thought ROM meant Read Only Memory, but it is not memory, and it is only data being read, so should it be called CD-ROD (Read Only Data)?
5. Why wasn't your December cover CD CD32 friendly?
6. Why did you have the CD and floppies mounted on different magazines? Surely if you have a CD-ROM drive you'll have a floppy drive too, and if you haven't got a CD-ROM drive you'll have one soon.

Michael Barkhordar
Brentwood, Essex.

1. Either your speaker is knackered, your amp has had it, your cables are rubbish or your connections are loose.
2. If your Technosound software isn't working, use AudioMaster IV instead, it's far superior in most aspects.
3. Mmm. It sounds like it's a loose RGB cable and nothing to do with your activities on the Workbench other than physically vibrating the connection. Perhaps this is tied in with your crackling sound? A thorough investigation of the wiring seems needed.
4. Yes, very clever.
5. Since the software archives are of little use to CD32s (you have nowhere to unarchive them to), there was little point in the loads of extra work involved in making the cover CD a bootable CD. You still can use it via the SerNet system so you can use the archives on an Amiga computer as it was designed for.
6. There was no point in putting floppy disks on the CD edition of the magazine, as all the software from the floppies was on the CD.

TV interference

I am lucky enough to own one of the best computers going. Though I have to use PCs at work, it is always nice to get back to my trusty A1200. I do, however, have a slight problem. When I use my A1200 it seems to create interference on the Television downstairs. This may not happen all the time but it is annoying when I get moaned at and have to shut down. My set up is quite complicated as I use the computer for video and image processing.

The A1200 has a GVP 1230 40MHz 4MB unit in the hatch and an 85Mb hard drive internally. A Phillips 8833 monitor is connected though a GVP G-Lock. The system also has two external floppies and a Vidi-12 digitiser all powered with the standard power supply. I use the monitor for two videos through a SCART switch into the composite input. There is no interference when using the monitor with either of the videos. Is it possible that the Commodore power supply is being heavily loaded and causing interference through the mains? I have no other signs of the power supply being overloaded. Perhaps the empty UHF output from the A1200 is causing interference or some sort of feedback through the SCART input to the video recorders? I would be most grateful for any help that you can offer.

Name and address not supplied.

After pondering your exact set-up, we decided there's nothing in particular that appears to be causing the trouble. There are a few issues to consider, however and some to discount.

Firstly you can discount the power supply causing interference on the mains. Such a small power supply would fail altogether before it'll have any of those problems. Also the empty UHF socket will not transmit any interference.

That leaves two major suspect areas. One being RF leaking from your A1200 or video connection problems. The former is likely in your system since the Trapdoor isn't shielded and any accelerator will often be a prime offender in the unwanted RF stakes. Above the trapdoor is shielded by the keyboard (partially) but below is not.

The solution would be to tape some aluminium foil to the underside of the trapdoor hatch lid (the detachable bit) and run a small insulated wire (exposed at each end) from that to the RF shield inside the unit. Not the side that is in contact with the accelerator! This effectively creates an RF shield for the Trapdoor and has been known to help in the past.

As for the video side; the easiest way to diagnose the problem is to remove segments of the chain one by one until the problem vanishes. The most recently removed component, before the problem vanishes, is the offender. Video switching boxes are prime offenders and often completely unshielded.

Flashing lights

I have an A1200 fitted with a Conner 425Mb hard drive, Amitek disk drive, 1084S monitor and a Citizen Swift 90 printer. My hard drive has started having problems when booting up. It makes the usual noises searching for files but takes ages to load them. When the Workbench screen eventually loads and the hard drive goes quiet, the hard drive light stays on for a while, as if it is still loading something. When its finally finished a requester pops up and says Error Validating Work Block 263123 Bad Header Type. When I cancel the requester the drive works as normal as I can load anything from my Workbench:, Work: or my games partition. So I brought up the icon information for the Work: partition and it said validating instead of read/write which the rest of the partitions say.

Before this problem started I was installing *Adorage* from your great cover disk and also updating the old Drawers in the Work: partitions to Magic Workbench drawers and maybe deleted something I shouldn't have.

Please help before my hard drive ties itself up in knots with all those searching noises while loading. By the way great mag and cover disk. Keep it up.
Archie Paton, Banffshire.

Your work: partition has become invalidated. Your Amiga must have been interrupted whilst writing a file to this partition (perhaps due to a system crash or a reset), and so was unable to finish the job by updating the disk structure once it had written the file. Your best bet is to use a tool such as HDToolbox to correct this error. In future be careful not to interrupt the Amiga when it is accessing hard or floppy disks. ■

Help Us Out

If you send us in some technical questions, please take care to make your questions clear and concise, using all the correct terminology. If error messages are occurring, write them down exactly as they appear and include them with your questions. Send your questions to Q+A, CU Amiga Magazine, 30-32 Farringdon Lane, London EC1R 3AU. We regret we cannot answer technical queries over the telephone.

NO SAES PLEASE

We regret that we cannot respond to readers' queries by post or over the phone. Please do not include stamped addressed envelopes with your letters, as we simply don't have time to answer the thousands we receive. Responses are only possible through the pages of the magazine.

Back chat

There's a lot going on this month: Amiga Technologies give an official reply to the Magic Pack Scala question and the upgrade debate still rages on and on. Want to have a say? You know where to come: CU Amiga Magazine, Priory Court, 30-32 Farringdon Lane EC1R 3AU.

The great Scala and the new A1200HD mix-up

I have a complaint regarding the new Amiga 1200HD that has just been released by Amiga Technologies. I purchased one from Silica in October. I bought it for the Scala MM300 Titling package that, along with all the other software, was installed on the hard drive. Having used Scala HT100 for along time on my old and trusted Amiga 500 this seemed the perfect opportunity to invest in the long awaited A1200. I unpacked the computer and set it up following the manual's instructions and proceeded to run the Scala software. I also read the information about this system and was surprised to learn that before you run Scala you have to invest in an upgrade of RAM, at least 2Mb before the software will run. This being the responsibility of the new owner ie: myself. Now I do not mind paying £499 for a computer but I also do not believe in getting ripped off by computer companies.

I checked the box and packaging to see if there was any reference that an upgrade was needed but there is not. I thought: now we have a case of misrepresentation. When I telephoned Silica and told them of the problem they told me I was the first person to bring this problem to their attention. They offered a refund but this is not what I wanted. I just want a system that runs without the need for paying out more money to make it work.

Terry L Sayers
Middlesex

This is a confusing but real situation. To find out what is being done we spoke to Amiga Technologies about the matter and Jonathan Anderson, their Joint General Manager, sent us an immediate reply for publication: "With reference to our telephone conversation today, we would like to inform you and your readers of the situation regarding Scala MM 300. All Amigas sold in the UK as from Monday 20 November 1995, will have a sticker on the box stating that Scala MM300 requires 2Mb of extra memory – which is not included. We hope that this now clears the matter up and that people will now be aware should they wish to use Scala MM300 on the A1200HDD from the Amiga Magic pack, that this requires extra memory, which will need to be purchased at their cost. On behalf of Amiga Technologies, we would like to wish you and your readers a prosperous 1996, and thank you for your support."

More game power

I've just bought *Alien Breed 3D* and I think it's the best game I've ever played. I contacted Team 17 to tell them as much and to ask them whether they will be producing a version for Amiga fitted with 24-bit graphics cards (ie Picasso II, Picollo SD64, Spectrum EGS, Cybervsion etc). However, Team 17's manager (Phil Quirke Webster) replied: "We will have to see how well the game sells before investing time and money into this, but we do not rule out the possibility of this happening."

I feel though that thanks to Cybergraphx, there is now a real possibility of a standard 24-bit chunky display. So, if all the big box Amiga owners with graphics cards were to write to Team 17 we may be able to get a CyberGraphX version which would really put Doom and the PC to shame. I therefore urge every owner of a 24-bit graphic card to contact Team 17 and inform them that they will be interested in purchasing a special version. If this proves successful then we may see more titles produced.

Owners of A1200s may feel that this excludes them, it doesn't. I use an Amiga A1200 fitted into a Microniks Z5 tower. This is a reasonably priced upgrade and there are versions of the tower for the A500 and A600. All versions allow you to fit Zorro II cards to your Amiga. And it won't cost a fortune. For example the Picasso II is now very reasonable.

If we are serious about the Amiga we have to face up to the fact that we need to upgrade our machines. This will enable the Amiga to keep its rightful place as the best home computer. Even if you haven't got a display card buy *Alien Breed 3D*, it's awesome. I urge everyone not to pirate the game, you are only ruining the chances of more games of this quality. We must support the Amiga if it is to survive. Have a look through that disk box, for every pirated bit of software and send some money to the publisher, even if it is only a £1. Ask, beg or plead with them to

Team Talk

Because we were so busy doing the mag this month we enlisted the help of our Amigas to generate some random team talk. PS: It's all fiction, any similarity to real life is coincidental.

Alan Dykes

When we tried out our random text generator on the office A4000, it had this to say about our Alan: "Pretending to spill coffee on game previews, Alan Dykes ticks off Mr Blobby for not providing free products to the press and then in a surprise move got very drunk at the release of a stolen review copy of Zeewolf 2."

Lisa Collins

Luckily our newly accelerated A600 was in a better mood and so was a tad kinder to the lovely Lisa: "Researching Backchat, Lisa Collins complimented CU Amiga's Mr Donut mascot for having an excellent product range and took time out to stealthily whisk a review copy of Worms out of the office."

Tony Horgan

Tony's A1200 was being spiteful and hissed; "Attempting to edit PD Utilities Tony Horgan telephoned Premier Mail Order for some dress sense and unsurprisingly liberated a powerful A4000 Tower which he liberally coated with pot noodles". That sounds about right. Full marks to our Tech Ed's Amiga.

stay with the Amiga, prove to them that we've grown up. Matt Bettinson is right, upgrade to survive, An A1200 fitted with an accelerator is a serious bit of kit. The cost of accelerators has never been cheaper. We have only ourselves to blame if the Amiga dies.

Michael Simthson
Essex

You are star! Tell it like it is. In fact an add on disk which will enhance Breed 3D for machines like yours looks likely. More news next month.

Staggering dates

I buy all the following magazines: CU Amiga Magazine, Amiga Shopper, Amiga Format, Amiga Computing and Amiga User International. I shall shortly, however, stop buying them all because of the price increases and fact that I am a pensioner. However, it would help persons like myself if the publishers could get together and stagger your publishing dates. I could then afford to buy one copy each week rather than three at once. A longer period between copies also means they are read more thoroughly.

I also deplore the trend to sell direct to the customer, particularly with extra items not normally supplied, ie disks. The newsagents put you where you are today and this is hardly the way to show your appreciation. If they all stopped stocking your mags would you make enough in direct sales to keep going? I doubt it. Having cancelled my orders I will now only buy a copy when I see one that really grabs my attention, and when I have the money. An annual subscription is a definite 'no go' area.

RK Caley
Woolacombe, N Devon

It's in all our interests not to clash release dates . with competing magazines and we do what we can to avoid it. As for direct selling, by which we presume you mean our subscription offers, all magazines have subscription lists and reward their most loyal readers (their subscribers) with extra free gifts or price reductions. There's nothing underhand about that.

Cover disk tunes

I am a loyal reader of your magazine and thought I'd have a crack at getting on one of your cover disks. I have compiled 10 of my best songs onto a disk. Would you accept this contribution to your superb magazine and any payment would be much appreciated. I would appreciate a reply to my letter and hope to go public via cover disks one day.

Jason White
Basildon, Essex.

We're glad to receive any tunes, pictures, or software of any kind for possible inclusion on future cover disks. Next time Jason, why not send in some tunes? It's hard to tell if they're any good when all we get is a letter.

A point well made

Your letter of the month (November CU Amiga) makes a good point. Upgrading makes a lot of sense. For those with an A500 who don't see the sense in it, picture this: your neighbour has a 386DX with 4Mb RAM which he bought six years ago. It's two or three years newer than your A500, which he multitasked in 1985. He's jealous and wants a PC that multitasks. Can he run Windows 95 on his PC? Of course he can. Will it run well? No it eats up almost all 4Mbs and is incompatible with most of his current software. So he needs more RAM (I think 16 is recommended with 8 being the minimum requirement) and then he needs to replace most of his software and licenseware available for PCs so it's all so expensive.

Has he spent more more than £400 (the cost of a new A1200)? You tell me. And guess what? His computer is still three generations old (486, Pentium, P6). Who do I feel more sorry for, the person who has to shell out £400 or his neighbour.

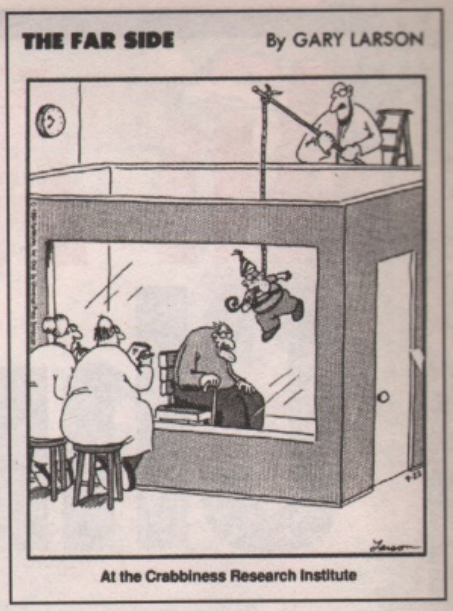
Andrew Hall
Cambridgeshire

I was that non upgrader

OK I was that A500 owner, entrenched and still digging my heels in when it came to upgrading. My A500 and A590 combo plus extra RAM were enough for me despite the increase of AGA only cover disks.

Like many fellow "on a shoestring budget" Amiga users my answer to the upgrade or die fraternity was sour grapes and a two fingered salute coupled with the question "how can I afford it?" That was before the current situation where there is lots of Amiga peripherals available secondhand at knock-down prices. Would you believe that I got my hands on a three year old A1200 60Mb drive, 24 boxed games plus 200 floppies and joystick for £150. No neither could I. There is a God.

RC Pavey
Hants



At the Crabbiness Research Institute

Your CD doesn't work

I bought your December issue on the strength that I could use it with my CD32 but I couldn't get it to work at all. What is going on?

Guy Higson
Cantebury

The cover CD was designed for CD-ROM drives connected to Amiga computers. The reason being that the files on the CD were mainly of use for those machines. The Aminet CD does not have the boot system that CD32 disks possess. However, you could access a CD-ROM via the CD32 on another Amiga with the use of a CD32 networking kit. This consists of a special network cable and networking CD. It's available from Brian Fowler computing for £34.99. You can reach them on 01392-499755.

Mat Bettinson

The man responsible for all this malarkey. His A3000 had this to say about him: "Proof reading graphics masterclass, Mat Bettinson gossiped with Cloanto for a nice large bribe and proceeded to get drunk at the release of a crate of mythical CD32 worms." Upon reading this, Mat fell back on his usual catchphrase; "that's @%£@"

Helen Danby

Helen's Mac wasn't capable of generating anything so our trusty 500 did the job instead. It said: "Ordering Anthony Collins to proof read players guides, Helen Danby reprimanded HIQ for not providing free products to the press and walked home with Wizard's mythical A1200 tower." Hmmm yes. No comment.

Anthony Collins

As Anthony is another Mac owner we turned, once again, to the A500 which said: " Taking screen grabs for graphics masterclass, Anthony Collins telephoned Visage Computers for calling Underground PD top quality geezers and took time out to dream of a stolen review copy of Super Tennis Champs."

John Kennedy

"What's all this about?' asked John when he discovered us crowded around our Amigas waiting to see what they would churn out next. "Have you nothing better to do with your time?" he sighed. "Then you won't want to see what it said about you?" chorused the team. "Did Mat set this up? If so, no."

An Amiga Christmas!

You know those moments just after Christmas dinner, when everyone is either sound asleep or nattering away about socks and the Queen and who won what in the National Lottery and what they're going to do next year with the money they win in the National Lottery and the price of rail tickets and privatisation and how lovely Noel Edmonds is (let's not go too far – Ed). The kids won't shut up about Power Rangers and Pog and all you want to do is retire to Amiga peace, but no-one will let you ... something about being unsociable. Well, if you can't beat 'em join 'em. Get them to help you answer these questions and win a whole host of goodies to welcome in the new year: Mat Bettinson's jeans, a Sensible Software hand grenade, a stick of Themepark rock, a DOpus T-shirt, a whole bunch of books and an Aviator joystick.

Attention Bookworms

Win a box bursting selection of Bruce Smith's finest books. Every now and then Bruce Smith sends us a new book for review. And we keep them all. But a forced cleanout of the office and a collapsed bookshelf means that we simply don't know what to do with all of our spare books so you, our friends and brothers in arms, can win six of the blighters along with this lovely Amiga beginners pack, which includes disks. The pack includes programming and Workbench guides plus this natty Frontier guide signed by the author – Tony Dillon. All you have to do be in with a chance of winning is tell us **which satellite TV network shares the same initials as Bruce Smith Books?**

Oh yes, if Bruce Smith Books are reading this please don't ask for your million books back because we're giving them to readers.

A State of Undress

Mat Bettinson has been everywhere: Thailand, Russia, East Finchley and so have his jeans. He's even had the front to wear them to three Amiga Technologies press conferences. Unfortunately they are now in a state of severe disrepair so in possibly the most bizzare and twisted competition ever he's offering his holy jeans to you. To win the most Amiga exposed pair of Jeans ever (recently cleaned but hardly wearable) just jot down the answer to the following Christmas question: In which Dickens novel did a character buy the last turkey in the shop?

a) A Christmas Carol

b) Pickwick Papers

c) Oliver Twist

Hand Grenade

Every year unusual objects arrive in our post bags, promoting games, products and, in one strange and useless case a brand of spaghetti. But we're incorruptible here so, although we appreciate everything, a promo doesn't effect a product's performance. A lot of promotions are quite frankly poor, but some are very thematic, like these two little promo prizes we're offering to you.

Lot number 1 is a fake hand grenade sent to us by Sensible Software to celebrate the launch of *Cannon Fodder 2*. And what a jolly item it is. It's a bit worse for wear at the moment but if you want a genuine piece of games memorabilia then it's yours ... if you can answer the following question and we draw your name out of a hat: **What was the name of the character played by Marlon Brando in Apocalypse Now?**

Lot number 2 is a stick of rock. Tasty? We wouldn't know. But what's really special about this rock and the reason we don't know what it tastes like is that it's Theme Park rock from Bullfrog. Yes, instead of having Blackpool or Torquay inscribed in tooth murdering sugar in its core it reads Theme Park. Different eh? Anyway to stand a chance of winning this piece of unique blue confectionery you should get your aunt to answer the following question: **George Formby, music hall comedian and the scourge of seaside pavilions until his untimely demise was famous for playing which of the following instruments:**

a) a set of bongos

b) a harpsichord

c) a ukulele

Aviator Joystick

Flight Sim fans among you may be interested in a bit of realism. And boy do we have it. It's called the Quickshot Aviator and was donated to our cause a long time ago by those fine joystick specialists Quickshot along with a previous competition prize. But we don't have enough space on our desks for lunch, never mind a Quickshot Aviator so we thought that one of you might like it as a late, fully boxed Christmas present. It's big, heavy and plastic, but it works. And it's almost free. To be in with a chance of winning this superb aviation controller all you have to do is answer the following question. **State which one of the following is a famous flight tester:**

a) Chuck Rock

b) Chuck Norris

c) Chuck Yeager

DOpus T-shirt

Directory Opus 5 is the business. If you want a proper file organising system for your Amiga then look no further; it will almost replace Workbench – if you have a hard drive. It's produced by a couple of hard-nosed, reckless Aussies working under the banner of GP Software. At the Cologne show our editor was assaulted by one of them, who thought that he was editor of another, patently inferior, Amiga magazine. Greg Perry shouted and cajoled Alan until the realisation came upon him that he had the wrong man. By way of apology Greg gave Alan five t-shirts to do what he deemed fit with, and so you have the opportunity to win one for the price of a stamp. All you have to do to have a chance of winning one of five extra-large *DOpus* five t-shirts is ask your Aussie cousin to answer answer this question: **Which of the following Australian names describes a fish:**

a) John Potter

b) Barramundi

c) Dingofish

Rules

1. No more than one entry per person for each competiton.
2. Competition is not open to employees of Bruce Smith Books,Sensible Software, GP Software, Emap Images.
3. All answers on a postcard to be received by 15/1/96.
4. The editor's decision is final.
5. Entries to be sent to 'Crazy Christmas Compo', CU Amiga Magazine, Priory Court, 30-32 Farringdon Lane, London EC1R 3AU.

Point of view

1995 The year that was

It's that time of the year when we all start blubbing into our drinks and claiming complete strangers are our "besht mates" in a haze of festive jubilation. But before we put on a new barrel, let's consider 1995, its low and high points and attitudes towards the Amiga.

Alan Dykes

Apparently we're all wrong and the Amiga is really useless because *Raiden* isn't going to be released on it. Console purchasers were right after all. The parts of the brain which control lightning fast reactions in the fingers and thumbs and enable people to justify spending an average of £50 on games are clearly superior to the intelligence that enables you, the Amiga user, to play strategy as well as button bashing games for twenty quid less and, if you really want to, program them as well.

Spotty oiks

An Amiga games player called Andy Davidson did just this and produced *Worms*, a superb strategy game. But a magazine which gave a Neo Geo game called *King Of Fighters 95* 93%, despite the fact that it'll probably cost a fortune and despite the fact that the Neo Geo is about as mass market as whale meat, gave *Worms* 84%. This magazine is called CVG.

I'm not criticising the score here, though. The review was of the Playstation version of *Worms*, it appeared in the December issue of CVG and was written by Matt Broughton, deputy editor of EMAP's Playstation Plus magazine and regular CU contributor. He said: "I'm in love with this game and suggest that you stop reading this now and go and buy the game." What annoys me is the second comment, made by CVG editor Paul Davies.

Paul is a reviewer whose opinion I greatly respect and he doesn't like the game at all. This is fair enough, everyone is entitled to their own opinion. But according to him: "The strange brand of humour which seems to have evolved with the Amiga has done so out of desperation for real good games. In that market it will no doubt do very well, but I say discerning console owners should expect something a lot less hackneyed".

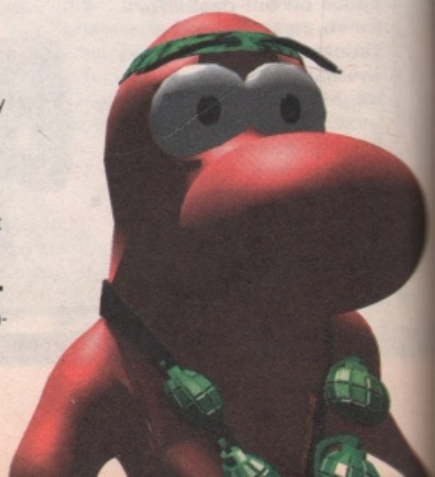
Discerning console owners my back side. You mean spotty little oiks who got/will get one for Christmas. If finger pointing for hackneyed game subjects is in order surely the beat 'em up, beloved of 'discerning' console owners, is the biggest target for endless rolling duplication.

That "strange brand of humour" we Amiga users have is born out of an ability to think about more than the fifteen button combination required to rip a creature's spine out of its body and spit into the cavity. And what lack of games? OK, we're not exactly riding the crest of a wave of software releases but if you can still get good new ones.

Playability power

The Amiga 1200 may not compete graphically with the Playstation or Saturn and the software houses may be letting it down badly in favour of these new (and admittedly brilliant) toys. But it's still a superb fledgling development machine, without which we wouldn't have *Worms* or *Super Skidmarks* (which incidentally was highly praised in the same issue of CVG) or many other popular titles.

Paul Davies and his – normally excellent – 'multi-format' console magazine should give the Amiga more consideration in the future. As the games world turns increasingly towards major multimedia events and big budget productions, the Amiga will hopefully still be there bringing us all back down to earth with simple interpretations of the game reviewer's favourite word: playability. It may be a bit hackneyed, but if you're going to spend hard earned cash on a game it's a useful concept.



John Kennedy

What an astonishing year! It may have seemed that the Amiga was dead and everyone should have moved to a PC, but we all know that Amiga owners are made of sterner stuff than that! And we were richly rewarded for our patience, because 1995 was a stunningly good year. Software got better, hardware improved and all this when the Amiga wasn't even being manufactured. What other platform ever had the same kind of support?

Go faster stripes

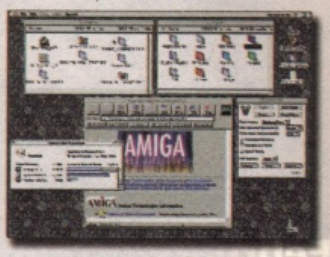
Without a doubt, 1995 was the year in which CD-ROM really happened. The CD32 clearly wasn't the hit everyone was hoping for and it took HiSoft and their excellent Squirrel interface to do it by allowing A1200 owners to use standard SCSI drives.

For those lusting after high-tech bits and pieces things were going very well indeed. Not one, but two high speed video cards appeared and even better, the first reviews of cards featuring the ultimate processor, the 68060.

This was the year that the Amiga went faster than ever before. Amiga software simply gets better and better. *ShapeShifter* brought high-quality Apple Mac emulation at a shareware price, and *Fears, Gloom* and *Alien Breed 3D* all proved that the *Doom* clone was possible.

Born again

As for the future, after the frightening price of the new AT Amigas, things are starting to look a little brighter. The new owners have made interesting promises about PowerPC platforms – including PowerPC upgrades for existing machines and certainly an Amiga based on this technology would keep us in MIPs for the next few years. It's almost certain that a new 68030 or 68040 based A1200 replacement will be released in 1996, which if done right, could single handedly rejuvenate the whole home computer market. Let's keep supporting the best computer around.



▲ Shapeshifter; superb Mac Emulation at a shareware price.

Mat Bettinson

In light of this past Year of Darkness, it's easy to forget what Amiga Technologies, shareware authors, hardware and software companies and users have managed to achieve throughout 1995.

Against the odds

Despite the rumours that the Amiga was dead, 95 saw amazing software releases in both commercial areas, (*Directory Opus 5* and *Photogenics)*, and the Public Domain. Hardly the kind of thing that would have happened on any other platform presumed dead.

Hardware manufacturers also kept steadfastly developing excellent products for the A1200, like the Squirrel and ever faster accelerators. Hell even the games scene was bolstered by a rush of excellent *Doom* clones inspired by some foolish person saying they couldn't be done.

Out of all of this activity, my hat goes off to the shareware authors – keen Amiga enthusiasts that stuck with the Amiga during the hard times, realising what a brilliant system it was and continuing to create amazing software to rival commercial grade material on other platforms. I think that these guys helped keep the Amiga market stay viable long before the Escom 'Bensheim Boys' stepped in. Moving at far greater speeds than the old Commodore ever did, the newly formed Amiga

True grit

Another bonus point to 95 was the fact that Amiga Technologies got A1200s into production quicker than the experts thought possible. Many criticisms have been levelled at AT but you've got to credit them with the fact that they got those machines into the stores well before Christmas. Hats off to Amiga Technologies.

Now they've announced the decision to move towards the cheap and powerful PowerPC range of processors. This is good news as all that wonderful PD and Commercial software should work under emulation. However, we need the Amiga scene to pull together and turn the new architecture into the ultimate computing platform.

The most valuable resource the Amiga has is the dedication of its users. That means you, dear readers. Having had the pleasure of quaffing German ales with AT general manager Petro Tyschtschenko, I can tell you that he is well aware of this.

The Amiga is going to wonderful places. We have a while yet to wait for new Amigas but in the mean time, make the most out of the Amiga's strengths and for God's sake buy a modem. The Net awaits.

Tony Horgan

This has certainly been a year to separate the men from the boys, or if you prefer, the true faithful from the bandwagon riders.

With memories of the sad demise of other computer platforms still fresh in the memory, some Amiga developers decided to cut their losses well before the losses were even made. However, those that stayed on have been rewarded by the custom of the still enthusiastic Amiga users, and as a side effect have become relatively larger fish in the pond. This includes developers right across the board, from innovative game producers like Black Magic, to hardware devotees like Power Computing, serious software developers like Impulse and all-rounders such as HiSoft. Most have had to tighten their financial belts somewhat to remain competitive, and we've seen a few commercial fatalities along the way, but the main players are still here and still giving us what we want, and most importantly you are still here too.

Hold our own

The future? Well the obvious thing to do is whinge about Escom and Amiga Technologies, just as it was the done thing to whinge about Commodore, detailing how they should do this and that differently. We all know what makes the Amiga special: an amazing operating system, a whole family of CPU-relieving custom chips, its highly flexible audio visual capabilities and of course its unique users. Some seem to have doubts that a similar beefed up system will be viable in these days of replaceable plug-in card technology but so long as the expandability is there, a decent base platform can only be a good thing.

We can ride again

Then there's that question of "How will the world be converted to the Amiga?" My answer is maybe it never will be, but that isn't a problem. Using magazine sales figures as a gauge for Amiga usage, it peaked around this time two years ago with an incredibly healthy market for serious software, games and hardware. Was 'Amiga' a household name back then? No, but that didn't stop it conquering the home and semi-pro computer market, so don't worry too much if your next door neighbour still hasn't heard of it.

▲ Black Magic's Doom clone Gloom proved how capable the Amiga can be.

Get going in 1996!

February promises to be a chocker-block full month with top news, reviews and features for serious Amiga users! Check this lot out:

- **Wordworth 5**
- **Apollo 4040**
- **Surf Squirrel**

And for those addicted to games:

- **Breathless the wondergame!**
- **Primal Rage the late game!**
- **Star Crusader the space game.**

We find out what's in development and what's happening in the world of the Amiga.

Plus:

We might have features about networking and a new laptop Amiga but we wouldn't like to give too much away to the opposition just yet!

And:

Improve your Imagine skills with our exclusive Imagine 3.0 Tutorial and, on disk, enhance your paint and rendering programs with Texture Studio!

CU Amiga Magazine Feb 1996. Available 11 January

68040 68060

TAKE YOUR AMIGA TO THE MAX

Superior performance. Full on speed. Yours when you add the new Falcon 68040/060 accelerator to your Amiga 1200. It's like never hitting the brakes. State-of-the-art-technology for the ultimate rush. Seriously faster than a 4000/040 at a fraction of the cost. Fit the Falcon, feel the speed. If you dare.

specifications

1.5 Times more powerful than the Amiga 4000/040*

RAM Access 3.5 times quicker than the Amiga 4000/040*

Easily upgradable to the 68060 Processor**

68060 Processor socket built-in

Can host up to 128MB of Local Burst RAM

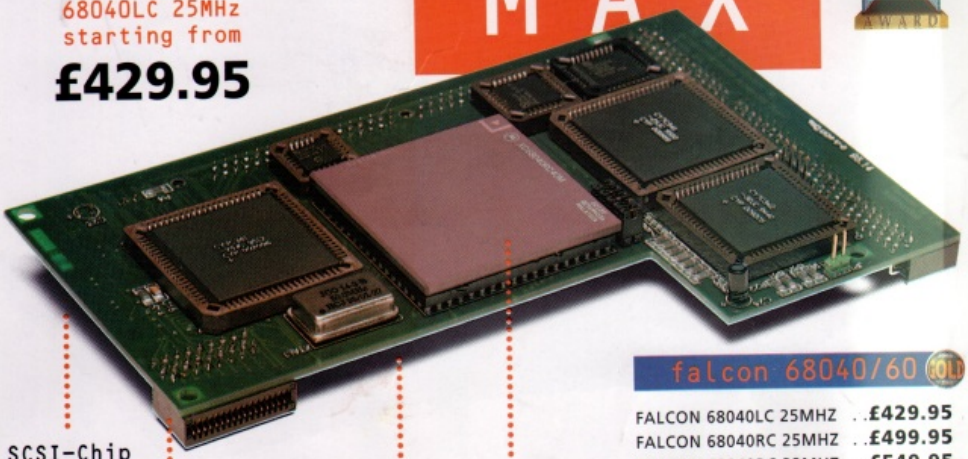
Fast SCSI-II/III SMA Hard Disk Controller (10MB/Sec)

PCMCIA Compatible and fully auto-configuring

*Speed based on the 68040 25MHz CPU
** Upgrade 68060 price programme available soon
Amiga case needs to be opened and trapdoor modified

68040LC 25MHz starting from

£429.95

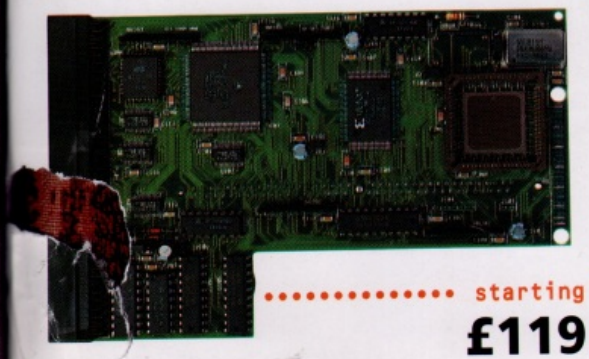


falcon 68040/60

FALCON 68040LC 25MHZ	£429.95
FALCON 68040RC 25MHZ	£499.95
FALCON 68040RC 33MHZ	£549.95
FALCON 68060RC 50MHZ	£649.95
4MB SIMM	£139.95
8MB SIMM	£279.95
SCSI ADAPTOR	£29.95

All Falcon's come complete with a cooling fan

POWER VIPER



starting from

£119.95

viper 28mhz

The Viper 28 can have up to 128MB RAM installed, full Kickstart remapping, optional SCSI-II adaptor, on-board battery backed clock, 68882 co-processor, instruction and data burst modes.

VIPER 28 MKII BARE	£119.95
VIPER 28 MKII 2MB	£199.95
VIPER 28 MKII 4MB	£259.95
VIPER 28 MKII 8MB	£399.95
VIPER 28 MKII 16MB	£569.95

viper 50mhz

The Viper 50 can have up to 128MB RAM installed, and the same features as the Viper 28.

VIPER 50 BARE	£199.95
VIPER 50 2MB	£279.95
VIPER 50 4MB	£349.95
VIPER 50 8MB	£479.95
VIPER 50 16MB	£649.95

viper co-processor

FPU's complete with crystal. Please state for Blizzard compatibility.

20MHZ FPU PLCC	£20.95
33MHZ FPU PLCC	£39.95
40MHZ FPU PLCC	£60.95
50MHZ FPU PGA	£89.95
SCSI-II INTERFACE (VIPER II ONLY)	£69.95
4MB SIMM	£139.95
8MB SIMM	£279.95

pc1208

A1200 8MB RAM card which uses 1 x 32 SIMMs and is PCMCIA friendly.

PC1208 BARE	£59.95
PC1208 1MB	£89.95
PC1208 2MB	£129.95
PC1208 4MB	£189.95
PC1208 8MB	£329.95

warp engines

WARP ENGINES	£POA

TELEPHONE 01234 273000
FACSIMILE 01234 352207
POWER COMPUTING LTD
44A/B STANLEY STREET
BEDFORD MK41 7RW

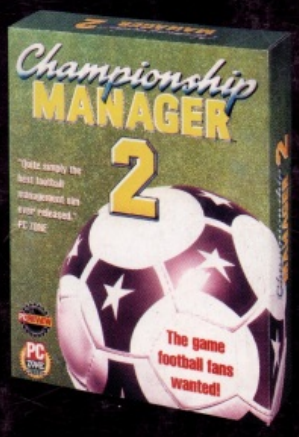
.power

ALL PRICES INCLUDE VAT. SPECIFICATIONS AND PRICES ARE SUBJECT TO CHANGE WITHOUT NOTICE. ALL TRADEMARKS ARE ACKNOWLEDGED. ALL ORDERS IN WRITING OR BY TELEPHONE WILL BE ACCEPTED ONLY SUBJECT TO OUR TERMS AND CONDITIONS OF TRADE, COPIES OF WHICH ARE AVAILABLE FREE OF CHARGE ON REQUEST

More gameplay than Ginola!

You don't have to acquire a French import to do it in style. Just load up a copy of Championship Manager 2 for incredible gameplay, addictiveness and a little *savoir faire!*

CM2 contains all the emotion and playability of the original, plus dozens of new features including the pressurised heights of International management!



"The best football management game in the world, ever!"

- GAM

COMING SOON ON AMIGA!

The game football fans wanted!

DOMARK